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A

# CATALOGUE

OF

# THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. II.—BOMBYCES.



CALCUTTA:

PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.  
1887.



Presented

by

The Trustees

of

The Indian Museum.



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CHAMBER

# THE VIOLETS OF INDIA

BY

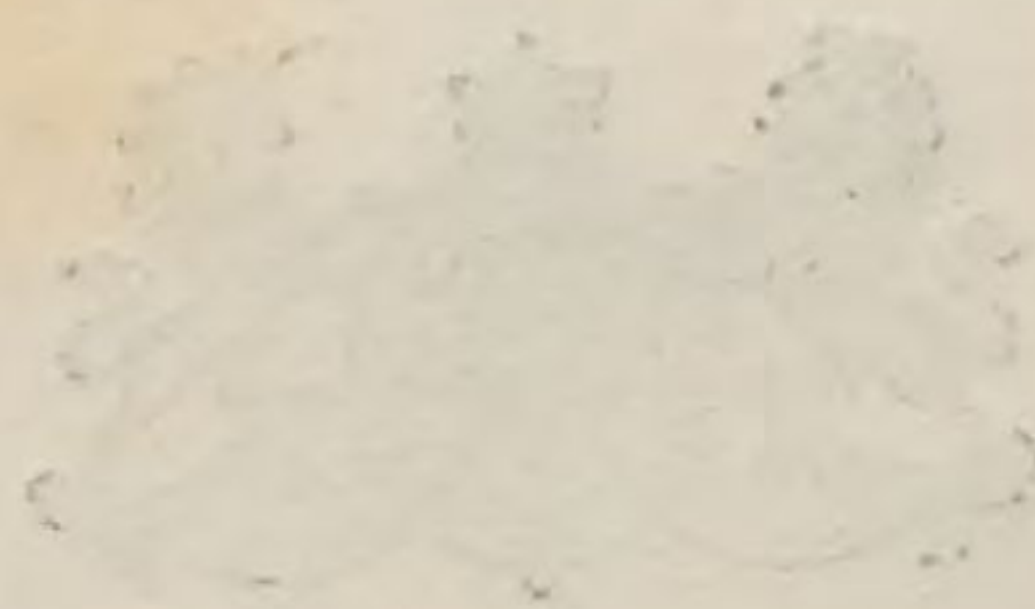
H. H. COLE

WITH A PREFACE BY THE HON. MR. J. H. COLE

AND

EDITED BY THE HON. MR. J. H. COLE

IN TWO VOLUMES.



CHAMBER

PRINTED BY ORDER OF THE TRUSTEES OF THE BRITISH MUSEUM

1857.



## GROUP BOMBYCES.

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### FAMILY ÆGERIIDÆ.

#### Genus *Sphecia*.

188. *SPHECIA CONTRACTA*.

*Sphecia contracta*, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).  
I. M., Sibsagar.

189. *SPHECIA REPANDA*.

*Sphecia repanda*, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).  
N. India.

#### Genus *Pramila*.

190. *PRAMILA ATKINSONI*.

*Pramila atkinsoni*, Moore, Descr. Ind. Lep. Atk. i, p. 9, pl. 2, fig. 1, (1879).  
Sikkim.

#### Genus *Tinthia*.

191. *TINTHIA CUPREIPENNIS*.

*Ægeria cupreipennis*, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 11, (1864).  
*Tinthia cupreipennis*, Butler, Ann. N. H. ser. iv, vol. 14, p. 408, (1874).  
S. India.

#### Genus *Ægeria*.

192. *ÆGERIA ALTERNA*.

*Ægeria alterna*, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 10, (1864).  
S. India.

193. *ÆGERIA FLAVA*.

*Ægeria flava*, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).  
Darjiling.

194. *ÆGERIA TRICINCTA*.

*Ægeria tricincta*, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).  
Kellicott, Bull. Buff. Soc. iv, p. 62, (1882).\*

Darjiling.

Part II.



Genus **Melittia**.195. **MELITTIA ASTARTE**.

*Trochilium astarte*, Westw., Cab. Or. Ent. p. 61, pl. 30, fig. 4, (1848).  
*Melittia astarte*, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).

Central India.

196. **MELITTIA BOMBYLIFORMIS**.

*Sphinx bombiliformis*, Cramer, Pap. Exot. iv, p. 241, pl. 400, fig. c, (1782).  
*Melittia anthredoniformis*, Hübn. Verz. Bek. Schmett. p. 128, (1816).  
*Melittia bombyliformis*, Walker, Cat. Lep. Het. viii, p. 69, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 284, (1859).  
 ————— Proc. Zool. Soc. Lond. 1865, p. 794.

*Melittia bombylipennis*, Boisd., Lep. Het. i, p. 465, (1875).\*

I. M., Sibsagar (Peal).

Also recorded from Java.

197. **MELITTIA EURYTION**.

*Trochilium eurytion*, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 5, (1848).  
*Melittia eurytion*, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).

————— Moore, Proc. Zool. Soc. Lond. 1865, p. 794.

I. M., Cachar (Wood-Mason), and Buxa (Moti Ram).

Collection Swinhoe, Sylhet, Sibsagar, Poona.

198. **MELITTIA GIGANTEA**.

*Melittia gigantea*, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.  
 ————— Waterhouse, Aid. ii, pl. 131, fig. 4, (1883).\*

Mussooree.

199. **MELITTIA INDICA**.

*Melittia indica*, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, (1874).  
*Melittia bombyliformis* (part), Walker, Cat. Lep. Het. B. M. viii, p. 69,  
 (1856).

N. India.

200. **MELITTIA NEPCHA**.

*Melittia nepcha*, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

201. **MELITTIA NEWARA**.

*Melittia newara*, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

202. **MELITTIA PHORCUS**.

*Trochilium phorcus*, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 7, (1848).  
*Melittia phorcus*, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, note, (1874).

I. M., Sibsagar (Peal).

Also recorded from Central India.



## 203. MELITTIA STAUDINGERI.

*Melittia staudingeri*, Boisd., Lep. Het. i, p. 475, (1875).\*  
Sylhet.

Genus **Lenyra**.

## 204. LENYRA ASHTAROTH.

*Trochilium ashtaroth*, Westw., Cab. Or. Ent., p. 14, pl. 6, fig. 5, (1848).  
*Lenyra ashtaroth*, Walker, Cat. Lep. Het. B. M. viii, p. 71, (1856).  
Collection Swinhoe, Darjiling.  
Also recorded from Sylhet.

Genus **Thyris**.

## 205. THYRIS ASILIFORMIS.

*Sphinx asiliformis*, Fabr., Ent. Syst. iii, i, p. 357, (1793).  
*Thyris asiliformis*, Walker, Cat. Lep. Het. viii, p. 260, (1856).  
India.

Genus **Trilochana**.

## 206. TRILOCHANA SCOLIOIDES.

*Trilochana scoloides*, Moore, Descr. Ind. Lep. Atk. i, p. 10, pl. 2, fig. 2,  
(1879).  
Darjiling.

Genus **Pseudosesia**.

## 207. PSEUDOSIESIA GROTEI.

*Pseudosesia grotei*, Moore, Proc. Zool. Soc. Lond. (1879), p. 414.  
N. India.

Genus **Sciapteron**.

## 208. SCIAPTERON SIKKIMA.

*Sciapteron sikkima*, Moore, Descr. Ind. Lep. Atk. i, p. 9, (1879).  
Darjiling.

Genus **Sura**.

## 209. SURA CHALYBEA.

*Sura chalybea*, Butler, Proc. Zool. Soc. Lond. 1876, p. 309, pl. 22, fig. 4.  
Singapore.

Genus **Pachythiris**.

## 210. PACHYTHIRIS RAJAH.

*Pachythiris rajah*, Boisd., Lep. Het. i, p. 492, (1875).\*  
Guen., Ann. Soc. Ent. Fr. 1877, p. 281.  
Central India.



## Family ZYGÆNIDÆ.

Genus *Zygæna*.

## 211. ZYGÆNA AFGHANA.

*Zygæna afghana*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, pl. viia, fig. 1,  
(1859).

Afghanistan.

## 212. ZYGÆNA ASOKA.

*Zygæna asoka*, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.

N.-W. India.

## 213. ZYGÆNA CASHMIRENSIS.

*Zygæna cashmirensis*, Kollar, Kashmir, Von Hügel, iv, p. 459, pl. 19, fig.  
6, (1848).

———— Walker, Cat. Lep. Het. B. M. i, p. 102, (1854).

———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, (1859).

I. M., Mussooree (Templeton).

Collection Swinhoe, Simla, Kasauli, Murree.

Also recorded from Kashmir, Nepal.

Genus *Procris*.

## 214. PROCRIS STIPATA.

*Procris stipata*, Walker, Cat. Lep. Het. B. M. i., p. 114, (1854).

———— Butler, Ill. Typ. Lep. Het. B. M. i., p. 13, pl. 7, fig. 9,  
(1877).

N. India.

Genus *Northia*.

## 215. NORTHIA KHASIANA.

*Northia khasiana*, Moore, Descr. Ind. Lep. Atk. i. p. 12, (1879).

Khasi Hills.

Genus *Tasema*.

## 216. TASEMA BIPARS.

*Tasema bipars*, Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856).

India.

Genus *Procotes*.

## 217. PROCOTES DIMINUTA.

*Euchromia diminuta*, Walker, Cat. Lep. Het. B. M. i, p. 230, (1854).

*Syntomis diminuta*, Walker, loc cit. vii, p. 1592, (1856).

*Procotes diminuta*, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

———— Moore, Lep. Ceyl. ii, p. 37, pl. 95, fig. 3, (1882).

Ceylon.



Genus *Syntomis*.218. *SYNTOMIS ALBIFRONS*.

*Syntomis albifrons*, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 6.  
Tenasserim.

219. *SYNTOMIS ANDERSONI*.

*Syntomis andersoni*, Moore, Proc. Zool. Soc. Lond. 1871, p. 244, pl. 18, fig. 1.  
Anderson's Researches, p. 926, pl. 81, fig. 4,  
(1878).

Yunan.

220. *SYNTOMIS APERIENS*.

*Syntomis aperiens*, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864).  
S. India.

221. *SYNTOMIS ARTINA*.

*Syntomis artina*, Butler, Journ. Linn. Soc. Lond. 1876, p. 347.  
Moore, Lep. Ceyl. ii, p. 35, pl. 94, fig. 4, (1882).

Collection Swinhoe, Ceylon.  
Also recorded from Calcutta.

222. *SYNTOMIS ATEREUS*.

*Sphinx atereus*, Cramer, Pap. Exot. iv, p. 240, pl. 400, fig. A, (1779).  
*Syntomis aterea*, Hübner, Verz. Bek. Schmett., p. 122, (1816).  
*Syntomis atereus*, Walker, Cat. Lep. Het. B. M. i, p. 128, (1854).

Collection Swinhoe, Umballa.  
Also recorded from Madras, China.

223. *SYNTOMIS ATKINSONI*.

*Syntomis atkinsoni*, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18,  
fig. 2.

Butler, Journ. Linn. Soc. Lond. 1876, p. 347.

Moore, Anderson's Researches, p. 927, pl. 81, fig. 5,  
(1878).

Proc. Zool. Soc. Lond. 1878, p. 845.

I. M. Mergui (Anderson), Cachar (Wood-Mason).  
Also recorded from Yunan, Moulmein, Tenasserim.

224. *SYNTOMIS AUSTENI*.

*Syntomis austeni*, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.  
N.-E. Bengal.

225. *SYNTOMIS BERINDA*.

*Syntomis berinda*, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 8.

I. M., Sibsagar (Peal), Cachar.  
Also recorded from Tenasserim.



## 226. SYNTOMIS BICINCTA.

*Syntomis bicincta*, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 8, (1848.)

———— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

I. M., Sikkim (Barnes), N. Khasi, Kulu (purchased).

Collection Swinhoe, Simla, Sikkim.

## 227. SYNTOMIS CERBERA.

*Sphinx cerbera*, Linn., Mus. Lud. Ulr., p. 363, (1764).

———— Syst. Nat. I, 2, p. 806, (1767).

———— Cram., Pap. Exot. i, p. 13, pl. 83, fig. F (1775).

*Zygæna cerbera*, Fabr., Sp. Ins. ii, p. 160, (1781).

———— Mant. Ins. ii, p. 103, (1787).

———— Ent. Syst. iii, I, p. 391, (1793).

———— Sulz. Abgek. Gesch., pl. 23, fig. 110, (1776).\*

*Sphinx (Zygæna) cerbera*, Gmel., Ed. Syst. Nat. i, 5, p. 2393.\*

*Cænochromia cerbera*, Hübner, Verz. Bek. Schmett. p. 121, (1816).

*Syntomis cerbera*, Boisd., Mon. Zyg. p. 118, pl. 7, fig. 6, (1829).\*

———— Westw., Ed. Drury, i, pl. 26, fig. 2, (1837).\*

———— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Africa, Bengal.

## 228. SYNTOMIS CHERRA.

*Syntomis cherra*, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879).

Cherrapunji.

## 229. SYNTOMIS CUPREIPENNIS.

*Syntomis cupreipennis*, Butler, Journ. Linn. Soc. Lond. (1876), p. 347.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Sibsagar.

Collection Swinhoe, Sikkim, Poona.

Also recorded from Calcutta.

## 230. SYNTOMIS CYSSEA.

*Sphinx cysseus*, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. B, (1782).

*Zygæna collaris*, Fabr., Ent. Syst. iii, i, p. 388, (1793).

*Syntomis collaris*, Hübner, Verz. Bek. Schmett., p. 121, (1816).

*Syntomis cyssea*, Boisd., Mon. Zyg. 1143, pl. 7, fig. 2, (1829).\*

———— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

———— Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

*Syntomis schænerrhi*, Boisd., Mon. Zyg., p. 112, pl. 7, fig. 1, (1829).\*

———— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

———— *loc. cit.* vii, p. 1592, (1856).

*Syntomis cuprea*, Prittwitz, Stett. Ent. Zeit. 1867, p. 277.

———— Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

I. M., Calcutta (de Niceville), Karachi (Swinhoe), Naga Hills.

Collection Swinhoe, Mhow, Bombay, Karachi.

Also recorded from Coromandel, Ceylon, Nepal.



231. SYNTOMIS CYSSEOIDES.

*Syntomis cysseoides*, Butler, Journ. Linn. Soc. Lond. 1876, p. 346.  
 ———— Moore, Lep. Ceyl. ii, p. 35, pl. 95, fig. 1, (1882).  
 Collection Swinhoe, North Canara.  
 Also recorded from Nilgiri Hills, Ceylon.

232. SYNTOMIS DIAPHANA.

*Syntomis diaphana*, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 7, (1848).  
 ———— Walker, Cat. Lep. Het. B. M. i., p. 126, (1854).  
 I. M., Sibsagar (Peal).  
 Also recorded from Mussooree.

233. SYNTOMIS DIPTERA.

*Zygæna diptera*, Fabr., Sp. Ins. ii, p. 165, (1781).  
 ———— Mant. Ins. ii, p. 106, (1787).  
 ———— Ent. Syst. iii, I, p. 403, (1793).  
*Syntomis diptera*, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).  
 E. Indies.

234. SYNTOMIS DISCINOTA.

*Syntomis discinota*, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).  
 Khasi Hills.

235. SYNTOMIS DISRUPTA.

*Syntomis disrupta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 5.  
 Tenasserim.

236. SYNTOMIS DIVISA.

*Syntomis divisa*, Walker, Cat. Lep. Het. B. M. 1, p. 131, (1854).  
 ———— Butler, Ill. Typ. Lep. Het. i, p. 16, pl. 6, fig. 14, (1877).  
 I. M., Khasi Hills.  
 Collection Swinhoe, Sikhim.  
 Also recorded from Sylhet.

237. SYNTOMIS EXTENSA.

*Syntomis extensa*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1863, (1866).  
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.  
 Collection Swinhoe, Matheran, Mahableswar.

238. SYNTOMIS FERVIDA.

*Syntomis fervida*, Walker, Cat. Lep. Het. B. M. i, p. 131, (1854).  
 ———— Butler, Ill. Typ. Lep. Het. B. M. i, p. 18, pl. 6, fig. 16, (1877).  
 Moulmein, E. Indies.  
 I. M., a specimen with no history.



## 239. SYNTOMIS FYTCHEI.

*Syntomis fytchei*, Moore, Proc. Zool. Soc. Lond. 1871, p. 246, pl. 18, fig. 3.  
 ————— Anderson's Researches, p. 928, pl. 81, fig. 6, (1878).

Yunan.

## 240. SYNTOMIS GEORGINA.

*Syntomis georgina*, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.  
 ————— Moore, Lep. Ceyl. ii, p. 34, pl. 95, fig. 2, (1882).

I. M., Ceylon (Colombo Museum).

Also recorded from S. India.

## 241. SYNTOMIS GODARTII.

*Syntomis godartii*, Boisd., Mon. Zyg. 115, pl. 7, fig. 3, (1829).\*  
 ————— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Bengal, Coromandel, Molucca Is.

## 242. SYNTOMIS GROTEI.

*Syntomis grotei*, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 4.  
 ————— Anderson's Researches, p. 928, pl. 81, fig. 7, (1878).  
 ————— Proc. Zool. Soc. Lond. 1878, p. 844.

Yunan, Tenasserim.

## 243 SYNTOMIS HYALINA.

*Syntomis hyalina*, Moore, Descr. Ind. Lep. Atk. 1, p. 13, (1879).

Darjiling.

## 244. SYNTOMIS HYDATINA.

*Syntomis hydatina*, Butler, Journ. Linn. Soc. Lond. 1876, p. 346.

Calcutta.

## 245. SYNTOMIS IMAON.

*Sphinx adscita imaon*, Cramer, Pap. Exot. iii, p. 94, pl. 248, fig. E, (1779).

*Syntomis imaon*, Hübner, Verz. Bek. Schmett., p. 122, (1816).

————— Boisd., Mon. Zyg. p. 114, (1829).\*

————— Walker, Cat. Lep. Het. B. M. i, p. 127, (1854).

I. M., Sibsagar.

Also recorded from Ceylon, Sylhet, Hongkong, Surinam.

## 246. SYNTOMIS KHASIANA.

*Syntomis khasiana*, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

Khasi Hills.

## 247. SYNTOMIS LATREILLII.

*Syntomis latreillii*, Boisd., Mon. Zyg., p. 117, pl. 7, fig. 5, (1829).\*

————— Chenu, Enc. d'Hist. Nat. Pap. p. 246, fig. 426.\*

————— Walker, Cat. Lep. B. M. I, p. 121, (1854).

————— Butler, Journ. Linn. Soc. Lond. 1876, p. 343.

Java, Amboina, China, S. India.



248. SYNTOMIS LEPCHA.

*Syntomis lepcha*, Moore, Descr. Ind. Lep. Atk. I, p. 12, (1879).  
Darjiling.

249. SYNTOMIS LIBERA.

*Syntomis libera*, Walker, Cat. Lep. Het. B. M. xxxi, p. 78, (1864).  
——— Moore, Proc. Zool. Soc. Lond. 1878, p. 845.  
Upper Tenasserim.

250. SYNTOMIS LUCINA.

*Syntomis lucina*, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.  
Nepal, Calcutta.

251. SYNTOMIS MASONI.

*Syntomis masoni*, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 4.  
Tenasserim.

252. SYNTOMIS MELAS.

*Syntomis melas*, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854).  
——— Butler, Ill. Typ. Lep. Het. B. M., i, p. 17, pl. 6, fig. 10,  
(1877).

I. M., Dunsiri, Shillong, N. Khasi, Sibsagar.  
Collection Swinhoe, Simla.  
Also recorded from Nepal.

253. SYNTOMIS MONTANA.

*Syntomis montana*, Butler, Journ. Linn. Soc. Lond. 1876, p. 349.  
——— Moore, Lep. Ceyl. II, p. 36, pl. 94, fig. 5, (1882).  
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Poona (Murray), Karachi.  
Collection Swinhoe, Poona.  
Also recorded from Ceylon, Bombay.

254. SYNTOMIS NEWARA.

*Syntomis newara*, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879).  
Darjiling.

255. SYNTOMIS OCHSENHEIMERI.

*Syntomis ochsenheimeri*, Boisd., Mon. Zyg., p. 116, pl. 7, fig. 4, (1829).\*  
——— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).  
Bengal, Java, Africa.

256. SYNTOMIS ŒNONE.

*Syntomis œnone*, Butler, Journ. Linn. Soc. Lond. 1876, p. 344.  
*Syntomis diaphana*, var. Walker, Cat. Lep. Het. B. M. i, p. 126, (1854).  
Mussooree.



## 257. SYNTOMIS PASSALIS.

*Zygæna passalis*, Fabr., Sp. Ins. ii, p. 159, (1781).

\_\_\_\_\_ Mant. Ins. ii, p. 102, (1787).

\_\_\_\_\_ Ent. Syst. iii, p. 391, (1793).

*Sphinx creusa*, Cramer, Pap. Exot. ii, p. 94, pl. 248, fig. F, (1779).

*Syntomis creusa*, Boisd., Mon. Zyg., p. 121, pl. 7, fig. I, (1829).\*

\_\_\_\_\_ Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).

*Syntomis passalis*, Boisd., Mon. Zyg., p. 120, (1829).\*

\_\_\_\_\_ Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).

\_\_\_\_\_ Moore, Lep. Ceyl. ii, p. 35, (1882).

\_\_\_\_\_ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Sibsagar (Peal), Calcutta, Bangalore (Nevill).

Collection Swinhoe, Poona, Calcutta.

Also recorded from Coromandel, Ceylon.

## 258. SYNTOMIS PECTORALIS.

*Syntomis pectoralis*, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854).

E. Indies.

## 259. SYNTOMIS SARGANIA.

*Syntomis sargania*, Butler, Trans. Ent. Soc. Lond. 1879, p. 4.

Cachar.

## 260. SYNTOMIS SIAMICA.

*Syntomis siamica*, Walker, Cat. Lep. Het. B. M. xxxi, p. 70, (1864).

Siam.

## 261. SYNTOMIS SLADENI.

*Syntomis sladeni*, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 5.

\_\_\_\_\_ Anderson's Researches, p. 927, pl. 81, fig. 8, (1878).

\_\_\_\_\_ Proc. Zool. Soc. Lond. 1878, p. 844.

Yunan, Tenasserim.

## 262. SYNTOMIS SUBMARGINALIS.

*Syntomis submarginalis*, Walker, Char. Undescr. Lep. Het. p. 89, (1869).

Benares.

Genus *Callitomis*.

## 263. CALLITOMIS LEUCOSOMA.

*Callitomis leucosoma*, Butler, Journ. Linn. Soc. Lond. 1876, p. 351.

Kashmir.

## 264. CALLITOMIS SYNTOMOIDES.

*Callitomis syntomoides*, Butler, Journ. Linn. Soc. Lond. 1876, p. 351.

Kashmir.



Genus **Psichotöe**.

265. **PSICHOTÖE DUVAUCELII**.

*Psichotöe duvaucelii*, Boisd., Mon. Zyg., p. 129, pl. 8, fig. 5, (1829).\*  
 ————— Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856).  
 ————— Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

I. M., Calcutta, Karachi (Murray).  
 Collection Swinhoe, Calcutta, Jerruk (Sind).

266. **PSICHOTÖE INCIPIENS**.

*Syntomis incipiens*, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864).  
*Psichotöe incipiens*, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.  
 S. India.

Genus **Hydrusa**.

267. **HYDRUSA FUSIFORMIS**.

*Syntomis fusiformis*, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).  
*Hydrusa fusiformis*, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.  
 India.

268. **HYDRUSA MULTIGUTTA**.

*Syntomis multigutta*, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).  
*Hydrusa multigutta*, Butler, Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 3, (1877).  
 Collection Swinhoe, Sikkim.  
 Also recorded from Nepal.

269. **HYDRUSA TENUIFORMIS**.

*Syntomis tenuiformis*, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).  
*Hydrusa tenuiformis*, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.  
 India.

270. **HYDRUSA VITREA**.

*Syntomis vitrea*, Walker, Cat. Lep. Het. B. M. vii, p. 1594, (1856).  
*Hydrusa vitrea*, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.  
 Sylhet.

Genus **Trianura**.

271. **TRIANURA MOOREI**.

*Trianura moorei*, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.  
 Bombay.

Genus **Eressa**.

272. **ERESSA AFFINIS**.

*Eressa affinis*, Moore, Proc. Zool. Soc. Lond. 1877, p. 596, pl. 59, fig. 3.  
 I. M., Andaman Is. (purchased).  
 Collection Swinhoe, Travancore, S. Andamans.  
 Also recorded from Calcutta, Khasi Hills.



273. *ERESSA CONFINIS*.

*Glaucopis confinis*, Walker, Cat. Lep. Het. B. M. i, p. 149, (1854).

*Syntomis confinis*, Walker, *loc. cit.* vii, p. 1592, (1856).

*Hydrusa confinis*, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

*Eressa confinis*, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 6, (1882).

———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.,

I. M., Kulu (purchased).

Collection Swinhoe, Mhow. N.-W. Himalayas.

Also recorded from Ceylon.

274. *ERESSA MUSA*.

*Eressa musa*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290, pl. 20, fig. 1.

Bombay.

Allied to *E. confinis*.

275. *ERESSA SUBAURATA*.

*Glaucopis subaurata*, Walker, Cat. Lep. Het. B. M. i, p. 149 (1854).

*Syntomis subaurata*, Walker, Cat. Lep. Het. B. M. vii, p. 1593, (1856).

*Trianura subaurata*, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

*Eressa subaurata*, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 4, (1882).

I. M., Calcutta, N. Khasi Hills.

Also recorded from Ceylon.

Allied to *E. confinis*.

Genus **Dysauxes**.276. *DYSAUXES INDICA*.

*Dysauxes indica*, Moore, Proc. Zool. Soc. Lond. 1879, p. 390.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 291.

Collection Swinhoe, Bombay.

Genus **Debos**.277. *DEBOS IRATUS*.

*Debos iratus*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 291, pl. 20, fig. 7.

Deccan.

Genus **Notioptera**.278. *NOTIOPTERA DOLOSA*.

*Syntomis dolosa*, Walker, Cat. Lep. Het. B. M. L. vii, p. 1594, (1856).

*Notioptera dolosa*, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

———— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 11, (1881).

N. India.

279. *NOTIOPTERA GLAUCOPOIDES*.

*Syntomis glaucopoides*, Walker, Cat. Lep. Het. B. M. xxxi, p. 69, (1864).

*Notioptera glaucopoides*, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

S. India.



Genus **Thyrassia**.

280. **THYRASSIA SUBCAUDATA.**

*Syntomis subcaudata*, Walker, Cat. Lep. Het. B. M. i, p. 132, (1854).

*Thyrassia subcaudata*, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

— Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 5, (1877).

Collection Swinhoe, Bombay.

Also recorded from N. India.

Genus **Euchromia**.

281. **EUCHROMIA AMÆNA.**

*Phalanna amæna*, Möschler, Stett. Ent. Zeit. 1872, p. 350.

Sylhet.

282. **EUCHROMIA AURATA.**

*Sphinx aurata*, Cramer, Pap. Exot. pl. 264, fig. A, (1779).

*Pompostola auratus*, Hübner, Verz. Bek. Schmett. p. 120, (1816).

*Euchromia* (*Diospage*) *aurata*, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

Coromandel.

283. **EUCHROMIA CRÆUSA.**

*Sphinx cræusa*, Linn., Syst. Nat. ii, 806, 39, (1767).

— Clerck, Icon, pl. 46, fig. 34.

*Sphinx irus*, Cramer, Pap. Exot. iv, pl. 368, fig. A, (1781).

*Cænochromia cræusa*, Hübn., Verz. Bek. Schmett., p. 121, (1816).

*Euchromia cræusa*, Moore, Lep. Ceyl. ii, p. 35, note, (1882).

Bengal, Coromandel.

284. **EUCHROMIA FLAMMANS.**

*Euchromia* (*Phauda*) *flammans*, Walker, Cat. Lep. Het. B. M. i, p. 257, (1854).

*Phauda flammans*, Butler, Ill. Typ. Lep. Het. i, p. 20, pl. 9, fig. 2, (1877).

N. India.

I. M., a specimen with no history.

285. **EUCHROMIA LAURA.**

*Euchromia laura*, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

E. Indies.

286. **EUCHROMIA ORIENTALIS.**

*Euchromia orientalis*, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

Collection Swinhoe, Rangoon.

Also recorded from N. India.



287. *EUCHROMIA POLYMENA*.

- Sphinx polymena*, Linn., Syst. Nat. ii, p. 806, (1767).  
 ——— Cramer, Pap. Exot., pl. 13, fig. D, (1775).  
*Zygæna polymena*, Fabr., Sp. Ins. ii, p. 162, (1781).  
 ——— Mant. Ins. ii, p. 104, (1787).  
 ——— Ent. Syst. iii, 1, 396, 34, (1793).  
*Euchromia polymena*, Hübn., Verz. Bek. Schmett., p. 121, (1816).  
 ——— Walker, Cat. Lep. Het. B. M. i, p. 219, (1854).  
 ——— Butler, Journ. Linn. Soc. Lond. 1876, p. 364.  
 ——— Moore, Proc. Zool. Soc. Lond. 1877, p. 596.  
 ——— Lep. Ceyl. ii, p. 39, pl. 94, figs. 6, 6a, (1882).  
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514.  
*Glaucopis polymena*, Westw., Ed. Drury i, p. 50, pl. 26, fig. 1, (1837).  
 I. M., Cachar (Wood-Mason), Sylhet, Sibsagar (Peal), Calcutta  
 (Cotes), Sinkip Is. (a variety).  
 Collection Swinhoe, Calicut, Bombay, Belgaum, Karachi, Ceylon.  
 Also recorded from China, Penang, Celebes, Andaman Is.

288. *EUCHROMIA RHEBUS*.

- Sphinx (adscita) rhebus*, Cramer, Pap. Exot., pl. 234, fig. F., (1779).  
*Pompostola rhebus*, Hübner, Verz. Bek. Schmett., p. 120, (1816).  
*Euchromia (Diospage) rhebus*, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).  
 E. Indies, Africa.

289. *EUCHROMIA SIAMENSIS*.

- Euchromia siamensis*, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.  
 Siam.

290. *EUCHROMIA THELEBAS*.

- Sphinx thelebas*, Cramer, Pap. Exot., pl. 150, fig. D, (1777).  
*Euchromia thelebe*, Hübn., Verz. Bek. Schmett., p. 121, (1816).  
*Euchromia (Hippola) thelebas*, Walker, Cat. Lep. Het. B. M. i, p. 225,  
 (1854).  
*Euchromia thelebas*, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.  
 Bengal.

Genus *Callizygæna*.291. *CALLIZYGÆNA NIVIMACULA*.

- Callizygæna nivimacula*, Felder, Reise der Novara, pl. 83, fig. 4, (1864-75).  
 ——— Moore, Lep. Ceyl. ii, p. 38, pl. 95, fig. 5, (1882).  
 Ceylon.

Genus *Artona*.292. *ARTONA CONFUSA*.

- Artona confusa*, Butler, Journ. Linn. Soc. Lond. 1876, p. 357.  
 ——— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 10, (1881).  
*Syntomis hübnéri* (part), Walker (*nec* Boisd.), Cat. Lep. Het. B. M. i, p.  
 125, (1854).

I. M., Sibsagar (Peal).  
 Collection Swinhoe, Mandi (Elwes).



293. ARTONA DISCIVITTA.

*Artona discivitta*, Walker, Cat. Lep. Het. B. M. ii, p. 440, (1854).

————— Butler, Journ. Linn. Soc. Lond. 1876, p. 356.

————— Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 8, (1881).

N. India, S. India, Almora.

294. ARTONA FULIGINOSA.

*Artona fuliginosa*, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).

Darjiling.

295. ARTONA FULVIDA.

*Artona fulvida*, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.

Moulmein.

296. ARTONA HÜBNERI.

*Syntomis hübneri*, Boisd., Mon. Zyg., p. 127, pl. 8, fig. 4, (1829).\*

————— (Part), Walker, Cat. Lep. Het. B. M. i, p. 125, (1854).

*Artona hübneri*, Butler, Journ. Linn. Soc. xii, 1876, p. 344.

Himalaya, Java, Amboina.

297. ARTONA POSTVITTA.

*Artona postvitta*, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).

Darjiling.

298. ARTONA QUADRIMACULATA.

*Artona quadrimaculata*, Moore, Proc. Zool. Soc. Lond. (1879), p. 390.

Mussooree.

299. ARTONA ZEBRAICA.

*Artona zebraica*, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.

————— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 9, (1881).

I. M., Kulu (purchased).

Collection Swinhoe, Darjiling.

Also recorded from Almora, Mussooree.

Genus *Rhaphidognatha*.

300. RHAPHIDOGNATHA NIGRESCENS.

*Artona nigrescens*, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Kulu (purchased), Mandi.

Collection Swinhoe, Mandi (Elwes).



Genus **Tascia**.301. **TASCIA CUPREA.**

*Syntomis cuprea*, Walker, Cat. Lep. Het. B. M. vii, p. 1596, (1856).  
*Tascia cuprea*, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Sikkim (purchased), Kulu (purchased).  
 Collection Swinhoe, Simla.

302. **TASCIA QUADRICOLOR.**

*Syntomis quadricolor*, Walker, Cat. Lep. Het. B. M., vii, p. 1596, (1856).  
*Tascia quadricolor*, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

India.

Genus **Phacusa**.303. **PHACUSA TENEBROSA.**

*Glaucopis tenebrosa*, Walker, Cat. Lep. Het. B. M. i, p. 150, (1854).  
*Syntomis tenebrosa*, Walker, *loc. cit.*, vii, p. 1592, (1856).  
*Phacusa tenebrosa*, Butler, Journ. Linn. Soc. Lond. 1876, p. 359.  
 ———— Ill. Typ. Lep. Het. i, p. 20, pl. 12, fig. 1,  
 (1877).

I. M., Sibsagar (Peal).

304. **PHACUSA THORACICA.**

*Phacusa thoracica*, Moore, Ann. Mag. Nat. Hist. ser. 4, xx, p. 343 (1877).  
 ———— Lep. Ceyl. ii, p. 38, pl. 95, fig. 7, (1882).

Ceylon.

Genus **Trypanophora**.305. **TRYPANOPHORA ATKINSONI.**

*Trypanophora atkinsoni*, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).  
 Darjiling.

306. **TRYPANOPHORA SEMIHYALINA.**

*Trypanophora semihyalina*, Kollar, Kaschmir, Von Hügel, iv, p. 457, pl. 19,  
 figs. 1—4, (1848).  
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 322, pl. 14,  
 fig. 6, (1859).  
 ———— Butler, Journ. Linn. Soc. Lond. 1876, p. 344.  
 ———— Walker, Cat. Lep. Het. B. M. ii, p. 434, (1854).  
 ———— *loc. cit.* xxxi, p. 126, (1864).  
*Syntomis humeralis*, Walker, Cat. Lep. Het. B. M. vii, p. 1593, (1856).  
*Trypanophora humeralis*, Moore, *loc. cit.* lv, 2, p. 972, (1886).

I. M., Calcutta (deNiceville), Sikkim, Tavoy (Moti Ram), Cachar  
 (Wood-Mason).  
 Collection Swinhoe, Kashmir, Sikkim.



## 307. TRYPANOPHORA TAPROBANES.

*Trypanophora taprobanes*, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).  
 ————— Moore, Lep. Ceyl. ii, p. 40, pl. 95, figs. 8, 8a,  
 (1882).  
 Ceylon.

## FAMILY AGARISTIDÆ.

Genus *Eusemia*.

## 308. EUSEMIA ADULATRIX.

*Eusemia adulatrix*, Kollar, Kaschmir, Von Hügel, iv, p. 464, pl. 20, fig. 1,  
 (1848).  
 ————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).  
 ————— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).  
 Sikkim, Nepal.

## 309. EUSEMIA AFFLICTA.

*Eusemia afflictata*, Butler, Ent. Monthly Mag. xii, p. 118, (1875).  
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.  
 ————— Proc. Zool. Soc. Lond. 1886, p. 436.  
 Collection Swinhoe, Poona, Mhow.  
 Also recorded from Bombay.

## 310. EUSEMIA ALBOMARGINATA.

*Eusemia albomarginata*, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.  
 ————— Butler, Ent. Monthly Mag. xii, p. 124, (1875).  
 Rec. Burma.

## 311. EUSEMIA AMATRIX.

*Eusemia amatrix*, Westw., Cab. Or. Ent., p. 68, pl. 33, fig. 4, (1848).  
 ————— Walker, Cat. Lep. Het. B. M. i, p. 49, (1854).  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 676.  
 ————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).  
 Assam, Java.

## 312. EUSEMIA ARUNA.

*Eusemia aruna*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).  
 ————— Proc. Zool. Soc. Lond. 1867, p. 676.  
 ————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).  
 ————— Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 6, (1881).  
 Collection Swinhoe, Sikkim.

## 313. EUSEMIA AUSTENI.

*Eusemia austeni*, Moore, Descr. Ind. Lep. Atk. i, p. 11, (1879).  
 Khasi Hills.



314. *EUSEMIA* *BASALIS*.

- Eusemia basalis*, Walker, Cat. Lep. Het. B. M. i, p. 53, (1854).  
 \_\_\_\_\_ Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, (1859).  
 \_\_\_\_\_ Proc. Zool. Soc. Lond. 1867, p. 676.  
 \_\_\_\_\_ Butler, Ent. Monthly Mag. xii, p. 122, (1875).  
 \_\_\_\_\_ Ill. Typ. Lep. Het. i, p. 9, pl. 5, fig. 2, (1877).

I. M., Sibsagar (Peal).  
 Also recorded from Bengal.

315. *EUSEMIA* *BELLATRIX*.

- Eusemia bellatrix*, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 2, (1848).  
 \_\_\_\_\_ Walker, Cat. Lep. Het. B. M. i, p. 46, (1854).  
 \_\_\_\_\_ Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).  
 \_\_\_\_\_ Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

I. M., Cachar (Wood-Mason), Yunan, Simla, Sibsagar (Peal),  
 Naga Hills, Nepal, Cherra, Sikkim (Elwes and Barnes), Buxa  
 (Moti Ram), Mussooree (Templeton.)

Collection Swinhoe, Sikkim, Pegu, Bhotan, Sibsagar, Cachar.  
 All recorded from Moulmein, Ceylon, Nepal.

316. *EUSEMIA* *COMMUNICANS*.

- Eusemia communicans*, Walker, Cat. Lep. Het., B. M. xxxi, p. 50, (1864).  
 \_\_\_\_\_ Butler, Ent. Monthly Mag. xii, p. 119, (1875).

Penang.

317. *EUSEMIA* *COMMUNIS*.

- Eusemia communis*, Butler, Ann. Mag. N. H. 4, xv, p. 140, pl. 13, fig. 1,  
 (1875).  
 \_\_\_\_\_ Ent. Monthly Mag. Lond. xii, p. 119, (1875).  
 \_\_\_\_\_ Moore, Journ. As. Soc. Beng. liii, 2, p. 234, (1884).

I. M., Cachar (Wood-Mason), Sibsagar, Sylhet, Naga.  
 Collection Swinhoe, Sylhet.

318. *EUSEMIA* *CONTRACTA*.

- Eusemia contracta*, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).  
 \_\_\_\_\_ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

Collection Swinhoe, Belgaum, Nilgiri Hills.

319. *EUSEMIA* *DENTATRIX*.

- Eusemia dentatrix*, Westw., Cab. Or. Ent. p. 68, p. 33, fig. 5, (1848).  
 \_\_\_\_\_ Walker, Cat. Lep. Het., B. M. i, p. 46, (1854).  
 \_\_\_\_\_ Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).  
 \_\_\_\_\_ Butler, Ent. Monthly Mag. xii, p. 119, (1875).

I. M., Sikkim (purchased), Sibsagar (Peal), Sylhet.  
 Collection Swinhoe, Sikkim.

Also recorded from Nepal, Bhotan, Ceylon.



## 320. EUSEMIA DISTINCTA.

*Eusemia distincta*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).*Eusemia distincta*, Ent. Monthly Mag. Lond. xii, p. 118, (1875).*Eusemia distincta*, Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 3, (1881).

Sylhet.

## 321. EUSEMIA DIVES.

*Eusemia dives*, Boisduval, Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 4, (1881).

Darjiling.

Allied to *E. maculatrix*.

## 322. EUSEMIA FUNEBRIS.

*Eusemia funebris*, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.*Eusemia funebris*, Waterhouse, Aid. ii, pl. 127, fig. 4, (1883)\*.*Agarista funebris*, Butler, Ent. Monthly Mag. Lond. xii, p. 124, (1875).

Darjiling.

## 323. EUSEMIA IRENEA.

*Eusemia irenea*, Boisduval, Revue et Mag. de Zool. 1874, p. 84.*Eusemia irenea*, Butler, Ent. Monthly Mag. Lond. xii, p. 119, (1875).

Khasi Hills, Sumatra.

## 324. EUSEMIA MACULATRIX.

*Eusemia maculatrix*, Westw., Nat. Libr. Exot. Moths, p. 88, pl. 2, fig. 3.\**Eusemia maculatrix*, Cab. Or. Ent., p. 67, pl. 33, fig. 1, (1848).*Eusemia maculatrix*, Walker, Cat. Lep. Het. B. M. i, p. 47, (1854).*Eusemia maculatrix*, loc. cit., vii, p. 1773, (1856).*Eusemia maculatrix*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).*Eusemia maculatrix*, Proc. Zool. Soc. Lond. 1865, p. 795.*Eusemia maculatrix*, Butler, Ent. Monthly Mag. xii, p. 118, (1875).*Eusemia fasciatrix*, Westw., Cab., Or. Ent., p. 67, (1848).*Heracia vetula* (var.) Geyer, Zeitr. Samml. Exot. Schmett. 17, p. 329, figs. 657 and 658, (1832).\*

I. M., Sikkim (Barnes), Sibsagar, Naga, Cherrapunji, Buxa (Moti Ram).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet, Nepal, Java.

## 325. EUSEMIA NIGRIPENNIS.

*Eusemia nigripennis*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).*Eusemia nigripennis*, Ent. Monthly Mag. Lond. xii, p. 117, (1875).*Episteme nigripennis*, Moore, Lep. Ceyl. ii, p. 34, pl. 94, fig. 3, (1882).

Collection Swinhoe, Ceylon.

## 326. EUSEMIA NIPALENSIS.

*Eusemia nipalensis*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).*Eusemia nipalensis*, Ent. Monthly Mag. Lond. xii, p. 118, (1875).

Nepal.



327. *EUSEMIA ORIENTALIS*.

*Eusemia orientalis*, Butler, Ann. Mag. N. H. ser. 4, xv, p. 139, (1875).  
 ————— Ent. Monthly Mag. Lond. xii, p. 117, (1875).  
 ————— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 2, (1881).

Mussooree.

Allied to *E. victrix*.

328. *EUSEMIA PESHWA*.

*Eusemia peshwa*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 289, pl. 7a, fig. 2,  
 (1859).

————— Butler, Ent. Monthly Mag. Lond. xii, p. 121, (1875).

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Also recorded from Ceylon.

329. *EUSEMIA PROXIMA*.

*Eusemia proxima* Walker, Cat. Lep. Het. B. M. i, p. 50, (1854).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 676.

————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).

————— Ill. Typ. Lep. Het. i, p. 10, pl. 4, fig. 9, (1877).

Assam.

330. *EUSEMIA PULCHRA*.

*Eusemia pulchra*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 143, pl. 13, fig. 4,  
 (1875).

————— Ent. Monthly Mag. Lond. xii, p. 122, (1875).

Meerut.

331. *EUSEMIA SECTINOTIS*.

*Eusemia sectinotis*, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

————— Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 5, (1881).

I. M., Ratnagiri (Hatch). No locality (Karachi Museum).

Collection Swinhoe, Calicut.

Allied to *E. adulatrix*.

332. *EUSEMIA SILHETENSIS*.

*Eusemia silhetensis*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 139, (1875).

————— Ent. Monthly Mag. Lond. xii, p. 116, (1875).

————— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 1, (1881).

Sylhet.

Allied to *E. victrix*.

333. *EUSEMIA SIMPLEX*.

*Eusemia simplex*, Butler, Ent. Monthly Mag. Lond. xii, p. 118, (1875).

Kanara.



334. *EUSEMIA TYRIANTHINA*.

*Eusemia tyrianthina*, Butler, Ent. Monthly Mag. xii, p. 116, (1875).  
N. India.

335. *EUSEMIA VETULA*.

*Eusemia vetula*, Hübn., Zutr., fig. 657.\*  
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).  
————— Proc. Zool. Soc. Lond. 1867, p. 677.

Assam, Java.

336. *EUSEMIA VICTRIX*.

*Eusemia victrix*, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 3, (1848).  
————— Walker, Cat. Lep. Het. B. M. i, p. 52, (1854).  
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).  
————— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

I. M., N. Khasi Hills, Cachar (Wood-Mason), Sibsagar, Naga,  
Yunan, Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Also recorded from Nepal, Sylhet, Bhotan, Cherrapunji.

337. *EUSEMIA VULCANIA*.

*Eusemia vulcania*, Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).  
Burma.

Genus *Seudyra*.338. *SEUDYRA CATOCALINA*.

*Phægorista catocalina*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1859, (1866).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.  
*Seudyra catocalina*, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 82, fig. 9,  
(1881).

I. M., Darjiling (purchased).

Collection Swinhoe, Darjiling.

339. *SEUDYRA LONGIPENNIS*.

*Catocala longipennis*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 934, (1865).  
*Seudyra longipennis*, Butler, Ill. Typ. Lep. Het. v, p. 19, pl. 82, fig. 8,  
(1881).

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

340. *SEUDYRA TRANSIENS*.

*Eusemia transiens*, Walker, Cat. Lep. Het. B. M. vii, p. 1588, (1856).  
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, pl. xiii, figs. 5,  
5a, (1859).







346. *ÆGOCERA FIMBRIA*.

*Ægocera fimbria*, Möschler, Stettin, Ent. Zeit. 1872, p. 354.  
Sylhet.

347. *ÆGOCERA TRIPARTITA*.

*Ægocera tripartita*, Kirby, Proc. Roy. Dublin Soc. (2), ii, p. 340, (1880).  
Waterhouse, Aid. i, pl. 39, (1881).  
Burma.

348. *ÆGOCERA VENULIA*.

*Phalæna venulia*, Cramer, Pap. Exot. ii, pl. 165, fig. D, (1777).  
*Ægocera venulia*, Latr., Gen. Crust. et Ins. iv, p. 212, (1809).  
Boisd., Mon. Zyg. p. 13, pl. 1, fig. 3, (1829).\*  
Chenu, Ent. d'Hist. Nat. Pap., p. 236, fig. 404.\*  
Croch., Ed. Regn. Anim. Atlas, Ins. pl. 148, fig. 1.\*  
Walker, Cat. Lep. Het. B. M. i, p. 55, (1854).  
Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, (1859).  
Lep. Ceyl. ii, p. 32, pl. 94, fig. 1, (1882).  
*Erastria venulia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.  
I. M., Calcutta (Anderson).  
Collection Swinhoe, Nilgiri Hills, Poona, Karachi.  
Also recorded from Nepal,

## FAMILY CHALCOSIIDÆ.

Genus *Canerkes*.349. *CANERKES EUSCHEMOIDES*.

*Canerkes euschemoides*, Moore, Proc. Zool. Soc. Lond. 1865, p. 802, pl. 42,  
fig. 8.  
Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).  
Sylhet.

Genus *Dioptis*.350. *DIOPTIS PERDICA*.

*Phalæna perdica*, Cramer, Pap. Exot. ii, pl. 178, fig. E, (1777).  
*Dioptis perdica*, Hübner, Verz. Bek. Schmett., p. 174, (1816).  
Walker, Cat. Lep. Het. B. M. ii, p. 337, (1854).  
Bengal.

Genus *Epicopeia*.351. *EPICOPEIA CAUDATA*.

*Epicopeia caudata*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 47, pl. 88,  
fig. 8, (1881).  
Bhotan.



## 352. EPICOPEIA DIPHILÆA.

*Epicopeia diphilæa*, Moore, Proc. Zool. Soc. Lond. 1865, p. 800.

*Epicopeia diphileia* (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Collection Swinhoe, Sikkim.

## 353. EPICOPEIA EXCISA.

*Epicopeia excisa*, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 5, (1881).

N.-E. Punjab.

## 354. EPICOPEIA LIDDERDALII.

*Epicopeia lidderdalii*, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88, fig. 6, (1881).

Bhotan.

## 355. EPICOPEIA MACULATA.

*Epicopeia maculata*, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88, fig. 7, (1881).

Bhotan.

## 356. EPICOPEIA PHILENORA.

*Epicopeia philenora*, Westw., Arcana, Ent., p. 19, pl. 5, fig. 2, (1843).

Walker, Cat. Lep. Het. ii, p. 410, (1854).

I. M., Sikkim (Barnes).

Also recorded from Assam.

## 357. EPICOPEIA PHILOXENÆA.

*Epicopeia philoxenæa*, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.

*Epicopeia philoxene* (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Darjiling.

## 358. EPICOPEIA POLYDORA.

*Epicopeia polydora*, Westw., Arcana Ent., p. 19, pl. 5, fig. 1, (1843).

Walker, Cat. Lep. Het. B. M. ii, p. 410, (1854).

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Also recorded from Simla.

## 359. EPICOPEIA VARUNÆA.

*Epicopeia varunæa*, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Collection Swinhoe, Darjiling.

Genus **Philopator**.

## 360. PHILOPATOR BASIMACULATA.

*Philopator basimaculata*, Moore, Proc. Zool. Soc. Lond. 1865, p. 800, pl. 42, fig. 6.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Darjiling.



Genus **Cadphises**.361. **CADPHISES MACULATA**.

*Cadphises maculata*, Moore, Proc. Zool. Soc. Lond. 1865, p. 801, pl. 42, fig. 7.

————— Walker, Cat. Lep. Het. xxxv, p. 1870, (1866).

I. M., Khasi Hills (Godwin-Austen).

Also recorded from Darjiling.

362. **CADPHISES MOOREI**.

*Cadphises moorei*, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.

Darjiling.

Allied to *C. maculata*.

Genus **Scaptestyle**.363. **SCAPTESYLE BICOLOR**.

*Scaptestyle bicolor*, Walker, Cat. Lep. Het. B. M. xxxi, p. 182, (1864).

————— Moore, Lep. Ceyl. ii, p. 42, pl. 96, fig. 2, (1882).

*Dichromia nietneri*, Felder, Reise Novara Lep. iv, pl. 106, fig. 25, (1864-75).

Collection Swinhoe, Ceylon.

364. **SCAPTESYLE TRICOLOR**.

*Scaptestyle tricolor*, Walker, Cat. Lep. Het. B. M. ii, p. 378, (1854).

Sylhet.

Genus **Ratarda**.365. **RATARDA MARMORATA**.

*Ratarda marmorata*, Moore, Proc. Zool. Soc. Lond. (1879), p. 393, pl. 32, fig. 1.

Darjiling.

Genus **Boradia**.366. **BORADIA CARNEOLA**.

*Boradia carneola*, Moore, Proc. Zool. Soc. Lond. 1879, p. 392.

N.-W. Himalayas.

Genus **Heterusia**.367. **HETERUSIA ÆDEA**.

*Papilio ædea*, Linn., Syst. Nat. ii, p. 757, (1767).

————— Fabr., Sp. Ins. ii, p. 32, 132, (1781).

————— Mant. Ins. ii, p. 16, 133, (1787).

————— Ent. Syst. iii, 173, 537, (1793).

*Acraea ædea*, God., Encycl. Meth. ix, 236, 19.\*

*Heterusia ædea*, Doubleday, Zoologist ii, 469.\*

*Eterusia ædea*, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).

I. M., (?) N. Khasi Hills.

Collection Swinhoe, Sylhet.

Also recorded from Ceylon and N. China.



368. *HETERUSIA ALOMPRA*.

*Eterusia alompra*, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).

I. M., Sibsagar (Peal).

Collection Swinhoe, Assam.

369. *HETERUSIA CICADA*.

*Beterusia* (sic) *cicada*, Felder, Reise Novara, pl. 83, fig. 8, (1864-75).

Sikkim.

370. *HETERUSIA CIRCINATA*.

*Heterusia circinata*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. i, figs. 156, 157.\*

*Eterusia circinata*, Walker, Cat. Lep. Het. B. M. vii, p. 1672, (1856).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

Also recorded from Assam.

371. *HETERUSIA CIRCUMDATA*.

*Heterusia circumdata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 121, (1864).

India.

372. *HETERUSIA DISTINCTA*.

*Gynautocera distincta*, Guer., Voy. Deless. Hist. Nat., p. 85, pl. 24, fig. 3, (1843).

*Chalcusia distincta*, Walker, Cat. Lep. Het. B. M. ii, p. 423, (1854).

*Eterusia distincta*, Walker, loc. cit. vii, p. 1670, (1856).

I. M., Mergui (Anderson), Perak (purchased).

Also recorded from Assam.

373. *HETERUSIA DULCIS*.

*Heterusia dulcis*, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 4, (1881).

Darjiling.

374. *HETERUSIA EDOCLA*.

*Heterusia edocla*, Doubleday, Zoologist ii, p. 469.\*

*Eterusia edocla*, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).

I. M., Sibsagar (Peal), Naga, Cachar (Wood-Mason).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and Nepal.

375. *HETERUSIA FASCIATA*.

*Eterusia fasciata*, Walker, Char. Undescr. Lep. Het. Lond., p. 5, (1869).

*Heterusia fasciata*, Möschler, Stett. Ent. Zeit. 1872, p. 340.

Sylhet.

376. *HETERUSIA FLAVOMACULATA*.

*Heterusia flavomaculata*, Möschler, Stett. Ent. Zeit. 1872, p. 343.

Sylhet.



377. *HETERUSIA LATIVITTA*.*Eterusia lativitta*, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

I. M., Sibsagar, Naga.

Collection Swinhoe, Khasi Hills, Sikkim.

378. *HETERUSIA MAGNIFICA*.*Eterusia magnifica*, Butler, Trans. Ent. Soc. Lond. 1879, p. 5.*Heterusia magnifica*, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 2, (1881).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Sylhet, Sikkim (Barnes).

Collection Swinhoe, Sylhet, Sikkim.

Allied to *H. tricolor*.379. *HETERUSIA OCTOPUNCTATA*.*Heterusia octopunctata*, Möschler, Stett. Ent. Zeit. 1872, p. 344.

Sylhet.

380. *HETERUSIA PULCHELLA*.*Eterusia pulchella*, Walker, Cat. Lep. Het. B. M. ii, p. 431, (1854).———*loc. cit.* vii, p. 1671, (1856).

———Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., specimens with no history.

Collection Swinhoe, Simla, Sikkim.

Also recorded from Nepal.

381. *HETERUSIA RAJA*.*Eterusia raja*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 320, (1859).

———Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

382. *HETERUSIA RISA*.*Heterusia risa*, Doubleday, Zoologist, ii, p. 468.\**Eterusia risa*, Walker, Cat. Lep. Het. B. M. ii, p. 429, (1854).

Nepal, Penang, Sylhet.

383. *HETERUSIA SHAHAMA*.*Eterusia shahama*, Moore, Proc. Zool. Soc. Lond. 1865, p. 801.

———Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

———Waterhouse, Aid. ii, pl. 127, fig. 3, (1883).\*

Darjiling.

384. *HETERUSIA SIGNATA*.*Heterusia signata*, Möschler, Stett. Ent. Zeit. 1872, p. 341.

Sylhet.



385. *HETERUSIA* *SUBLUTEA*.

*Eterusia sublutea*, Walker, Cat. Lep. Het. B. M. ii, p. 430, (1854).  
Collection Swinhoe, Sylhet.

386. *HETERUSIA* *TRICOLOR*.

*Eterusia tricolor*, Hope, Trans. Linn. Soc. Lond. 1841, p. 445, pl. 31, fig. 4.  
————— Doubleday, Zoologist, ii, p. 470.\*  
————— Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Collection Swinhoe, Sikkim.  
Also recorded from Nepal and Sylhet.  
Allied to *H. magnifica*.

387. *HETERUSIA* *TRILITURATA*.

*Eterusia triliturata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 119, (1864).  
I. M., a specimen with no history.  
Recorded from Mussooree.

388. *HETERUSIA* *TRIMACULA*.

*Heterusia trimacula*, Möschler, Stett. Ent. Zeit. 1872, p. 342.  
Sylhet.

389. *HETERUSIA* *VIRESCENS*.

*Heterusia virescens*, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 3,  
(1881).  
Collection Swinhoe, Khandalla.  
Allied to *H. magnifica* and *H. edocla*.

Genus *Devanica*.390. *DEVANICA* *BICOLOR*.

*Devanica bicolor*, Moore, Trans. Ent. Soc. Lond. 1884, p. 355.  
I. M., type specimen, Cachar (Wood-Mason).

391. *DEVANICA* *CINGALA*.

*Eterusia cingala*, Moore, Ann. Nat. Hist. (4), xx, p. 343, (1877).  
*Sephisa cingala*, Moore, Lep. Ceyl. ii, p. 41, pl. 96, fig. 1, (1882).  
Collection Swinhoe, Ceylon.

Genus *Pintia*.392. *PINTIA* *FERREA*.

*Eterusia ferrea*, Walker, Cat. Lep. Het. B. M. ii, p. 431, (1854).  
————— *loc. cit.* vii, p. 1671, (1856).  
*Pintia ferrea*, Butler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, fig. 7, (1881).  
I. M., Cachar (Wood-Mason), Sikkim (purchased), Buxa (Moti Ram); no locality (Karachi Museum), *var.* Nicobar Is. (purchased); *var.* Andaman Is. (purchased).  
Collection Swinhoe, Sikkim, Nicobars.  
Also recorded from Sylhet and Hongkong.



Genus *Arachotia*.393. *ARACHOTIA FLAVIPLAGA*.

*Arachotia flaviplaga*, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).  
Darjiling.

394. *ARACHOTIA VESPOIDES*.

*Arachotia vespoides*, Moore, Proc. Zool. Soc. Lond. 1879, p. 390.  
N. India.

Genus *Histia*.395. *HISTIA COMETARIS*.

*Histia cometaris*, Butler, Ann. Mag. N. H. (5), x, p. 374, (1882).  
Tenasserim.

396. *HISTIA FLABELLICORNIS*.

*Zygæna flabellicornis*, Fabr., Sp. Ins. ii, 163, 32, (1781).  
Mant. Ins. ii, 105, 38, (1787).  
Ent. Syst. iii, 1398, 40, (1793).  
*Papilio rhodope*, Cramer, Pap. Exot. i, pl. 30, fig. E, (1775).  
*Histia flabellicornis*, Hübner, Verz. Bek. Schmett., p. 198, 2015, (1816).  
Walker, Cat. Lep. Het. B. M. ii, p. 412, (1854).

I. M., Sikkim (Barnes), Naga, Sibsagar (Peal), Cherra, N. Khasi Hills.

Collection Swinhoe, Sikkim.

Also recorded from China and (?) S. America.

397. *HISTIA FRATERNA*.

*Histia fraterna*, Moore, Proc. Zool. Soc. Lond. 1883, p. 15.  
Calcutta.

398. *HISTIA NILGIRA*.

*Histia nilgira*, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).  
Nilgiri Hills.

Genus *Gynautocera*.399. *GYNAUTCERA PAPILIONARIA*.

*Gynautocera papilionaria*, Guer., Mag. Zool. 1830, p. 12.  
Walker, Cat. Lep. Het. B. M. ii, p. 411, (1854).  
*Histia papilionaria*, Moore, Proc. Zool. Soc. Lond. 1878, p. 846.

I. M., Sikkim (Barnes), Sylhet, Yunan, Naga, Sibsagar (Peal),  
Buxa (Moti Ram), Cachar (Wood-Mason).

Collection Swinhoe, Mussooree, Sylhet.

Also recorded from Nepal and Tenasserim.



Genus *Amesia*.400. *AMESIA ALIRIS*.

*Gynautocera (Amesia) aliris*, Doubleday, Ann. Mag. N. H. (1), xix, p. 74, (1847).

*Cyclosia aliris*, Walker, Cat. Lep. Het. B. M. ii, p. 415, (1854).

*Amesia aliris*, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 83, fig. 10, (1881).

I. M., Sylhet, Naga, Sibsagar, Sikkim (Barnes).

Collection Swinhoe, Darjiling.

401. *AMESIA MIDAMA*.

*Epyrgis midama*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. pl. 2, fig. 7, (1853).\*

*Chalcosia midama*, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).

*Amesia midama* Moore, Lep. Ceyl. ii, p. 46, pl. 98, figs. 1, 1a, (1882).

*Callamesia midama*, Butler, Ann. Mag. N. H. (v), xvi, p. 345, (1885).

Collection Swinhoe, Sikkim.

Also recorded from Ceylon.

402. *AMESIA SANGUIFLUA*.

*Phalæna sanguiflua*, Drury, Ins. Exot. ii, p. 35, pl. 20, figs. 1, 2, (1773).

*Callimorpha sanguiflua*, Westw., Ed. Drury, ii, p. 37, pl. 20, figs. 1, 2, (1837).\*

*Cyclosia sanguiflua*, Walker, Cat. Lep. Het. B. M. ii, p. 415, (1854).

I. M., Khasi Hills, Shillong.

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

403. *AMESIA STELLIGERA*.

*Amesia stelligera*, Butler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, figs. 8, 9, (1881).

I. M., Sikkim (Barnes).

Collection Swinhoe, Sikkim.

Also recorded from Bhotan.

Genus *Callamesia*.404. *CALLAMESIA HORMENIA*.

*Epyrgis hormemia*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 2, fig. 8, (1853).\*

I. M., Sibsagar (Peal), Sikkim (F. C. Barnes,) Naga Hills, Sylhet.

Collection Swinhoe, Sikkim.

405. *CALLAMESIA VENOSA*.

*Chalcosia venosa*, Walker, Cat. Lep. Het. B. M. ii, p. 422, (1854).

————— Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 2, 2a, (1882).

Collection Swinhoe, Ceylon.



Genus *Chalcosia*.406. *CHALCOSIA ADALIFA*.

*Chalcosia adalifa*, Walker, Cat. Lep. Het. ii, p. 421, (1854).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

————— Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 5, (1881).  
Sylhet.

407. *CHALCOSIA AFFINIS*.

*Gynautocera affinis*, Guer., Voy. Deless. Hist. Nat., p. 86, pl. 24, fig. 2, (1843).

*Chalcosia affinis*, Butler, Ann. Mag. N. H. (5), v, p. 223, (1880).

————— Moore, Lep. Ceyl. ii, p. 45, pl. 98, fig. 2, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Nilgiri Hills (Karachi Museum).

Collection Swinhoe, Belgaum, Ghazi Ghat, Goa.

Also recorded from Ceylon and Pondicherry.

408. *CHALCOSIA ALBATA*.

*Chalcosia albata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 390.

I. M., Shillong, Sikkim, Khasi Hills, Kulu (Young).

Mussooree (Templeton), Cherrapunji.

Also recorded from Dharmasala and Nepal.

409. *CHALCOSIA ARGENTATA*.

*Chalcosia argentata*, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879).

I. M., Sibsagar (Peal), Cachar (Wood-Mason), Goalpara, Yunan.

Collection Swinhoe, Hazara, Sibsagar.

410. *CHALCOSIA CORUSCA*.

*Milleria corusca*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 1,  
(1853).\*

*Chalcosia corusca*, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).

I. M., Sikkim, Cherra, Sibsagar (Peal.)

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

411. *CHALCOSIA PECTINICORNIS*.

*Sphinx pectinicornis*, Linn., Syst. Nat. ii, 807, 44, (1767).

*Zygæna pectinicornis*, Fabr., Syst. Ent. 554, 18, (1775).

————— Sp. Ins. ii, 164, 35, (1781).

————— Mant. Ins. ii, 105, 42, (1787).

————— Ent. Syst. iii, 1, 399, 44, (1793).

*Gynautocera pectinicornis*, Guer., Voy. Deless. Hist. Nat. 87, pl. 24, fig. 4,  
(1843).

*Chalcosia pectinicornis*, Hübn., Verz. Bek. Schmett. 173, 1785, (1816).

————— Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).

————— *loc. cit.* vii, p. 1669, (1856).

Collection Swinhoe, Terai Alps, Simla, Kasauli.

Also recorded from Landaur, Nepal, China, (?) America.



## 412. CHALCOSIA PRETIOSA.

*Chalcusia pretiosa*, Walker, Cat. Lep. Het. B. M. xxxi, p. 116, (1864).  
 ———— Moore, Lep. Ceyl. ii, p. 44, pl. 96, fig. 4, (1882).

Ceylon.

## 413. CHALCOSIA QUADRIFASCIATA.

*Chalcusia quadrifasciata*, Moore, Lep. Ceyl. ii, p. 45, pl. 96, fig. 5, (1882).  
 Collection Swinhoe, Ceylon.

## 414. CHALCOSIA SIMILATA.

*Chalcusia similata*, Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 3, 3a, (1882).  
 Ceylon.

## 415. CHALCOSIA ZEHMA.

*Milleria zehma*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 3, (1853).\*  
*Chalcusia zehma*, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).  
 ———— Moore, Proc. Zool. Soc. Lond., 1867, p. 678.

Sylhet.

## 416. CHALCOSIA ZULEIKA.

*Chalcusia zuleika*, Walker, Cat. ii, p. 423, (1854).  
 Sylhet.

Genus **Epyrgis**.

## 417. EPYRGIS BINGHAMI.

*Epyrgis binghami*, Butler, Ann. Nat. Hist. (5), x, p. 374, (1882).  
 Tenasserim.

## 418. EPYRGIS IMITANS.

*Epyrgis imitans*, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 84, fig. 1, (1881).  
 Bhotan.

## 419. EPYRGIS PAPILIONARIS.

*Phalæna papilionaris*, Drury, Ins. Exot. ii, p. 4, pl. 2, fig. 4, (1773).  
 ———— Cramer, Pap. Exot. i, pl. 29, fig. A, (1775).

*Phalæna venaria*, Fabr., Ent. Syst. iii, 2, 156, 96, (1794).

*Esthema papilionaris*, Hübner, Verz. Bek. Schmett. 178, 1837, (1816).

*Heleona papilionaris*, Westw., Ed. Drury. ii, 4, pl. 2, fig. 4, (1837).\*

*Cyclosia papilionaris*, Walker, Cat. Lep. Het. B. M. ii, p. 416, (1854).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason),  
 Mergui (Anderson), Goalpara, Dunsiri, Sylhet, Buxa (Moti  
 Ram), N. Khasi Hills, Sikkim (Barnes).

Collection Swinhoe, Darjiling, Cachar, Mergui.

Also recorded from Madras and Hongkong.



## 420. EPYRGIS PARVULA.

*Epyrgis parvula*, Butler, Ann. Mag. N. H. (5), xii, p. 160, (1883).

I. M., Nicobar Is. (purchased).

Collection Swinhoe, Andamans.

Also recorded from Darjiling.

Genus *Cyclosia*.

## 421. CYCLOSIA CARDINALIS.

*Cyclosia cardinalis*, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).

Darjiling.

## 422. CYCLOSIA NIGRESCENS.

*Cyclosia nigrescens*, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.

I. M., Andaman Is. (purchased).

Collection Swinhoe, British Burma.

## 423. CYCLOSIA PANTHONA.

*Phalæna panthona*, Cramer, Pap. Exot. iv, pl. 322, fig. C, (1780).

*Cyclosia panthona*, Walker, Cat. Lep. Het. B. M. ii, p. 417, (1854).

————— Moore, Lep. Ceyl. ii, p. 44, pl. 97, figs. 1, 1a, 1b, (1882).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Mergui (Anderson).

Collection Swinhoe, N. India, Mergui.

Also recorded from Sylhet, Ceylon, and Hongkong.

## 424. CYCLOSIA VENUSTA.

*Cyclosia venusta*, Walker, Cat. Lep. Het. B. M. ii, p. 416, (1854).

Sylhet.

## 425. CYCLOSIA VIRGINALIS.

*Milleria virginalis*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov, fig. 4, (1853).\*

*Cyclosia subcyanescens*, Walker, Cat. Lep. Het. B. M. ii, p. 417, (1854).

*Cyclosia virginalis*, Walker, Cat. Lep. Het. vii, p. 1669, (1856).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Sylhet.

Genus *Chatamla*.

## 426. CHATAMLA FLAVESCENS.

*Euschema flavescens*, Walker, Cat. Lep. Het. ii, p. 406, (1854).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

————— Butler, Ill. Typ. Lep. Het. i, p. 57, pl. 14, fig. 3, (1877).

*Chatamla flavescens*, Moore, Proc. Zool. Soc. Lond. (1881), p. 326.

Collection Swinhoe, Sylhet.

Also recorded from Khasi Hills.

## 427. CHATAMLA NIGRESCENS.

*Euschema nigrescens*, Moore, Descr. Ind. Lep. Atk. i, p. 20, (1879).

*Chatamla nigrescens*, Moore, Proc. Zool. Soc. Lond. 1881, p. 326.

Darjiling.

Allied to *E. flavescens*.



## 428. CHATAMLA TRICOLOR.

*Chatamla tricolor*, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 1, (1881).

Sylhet.

Allied to *C. flavescens*.

Genus **Agalope**.

## 429. AGALOPE BASALIS.

*Agalope basalis*, Walker, Cat. Lep. Het. B. M. ii, p. 438, (1854).

Butler, Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 5, (1881).

I. M., Sikkim (purchased), Kulu (purchased), Simla (deNiceville).  
Collection Swinhoe, Cashmir, Pangi, Murree, Sikkim, Chumba.  
Also recorded from Almora.

## 430. AGALOPE GLACIALIS.

*Agalope glacialis*, Butler, Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 6, (1881).

Darjiling.

## 431. AGALOPE PRIMULARIS.

*Agalope primularis*, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.

Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 7, (1881).

Collection Swinhoe, Kulu.

Also recorded from Darjiling.

Genus **Laurion**.

## 432. LAURION CIRCE.

*Milleria circe*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 2, (1853).\*

Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).

*Laurion metallica*, Walker, loc. cit. ii, p. 426, (1854).

*Lauria circe*, Walker, loc. cit. vii, p. 1671, (1856).

*Laurion circe*, Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Khasi Hills (purchased), Sylhet, Cachar, Cherra, Shillong,  
Sibsagar (Peal).

Collection Swinhoe, Shillong, Khasi Hills.

## 433. LAURION GEMINA.

*Laurion gemina*, Walker, Cat. Lep. Het. B. M. ii, p. 427, (1854).

*Lauria gemina*, Walker, loc. cit. vii, p. 1671, (1856).

*Milleria gemina*, Walker, loc. cit. xxxi, p. 117, (1864).

I. M., Mergui (Anderson).

Collection, Swinhoe, Hongkong, Sylhet.

## 434. LAURION MILES.

*Laurion miles*, Butler, Ill. Typ. Lep. v, p. 25, pl. 84, fig. 3, (1881).

Darjiling.



Genus *Milleria*.435. *MILLERIA ALBIFASCIA*.

*Milleria albifascia*, Moore, Descr. Ind. Lep. Atk. i, p. 19, (1879).  
Cherrapunji.

436. *MILLERIA FULIGINOSA*.

*Cyclosia fuliginosa*, Walker, Cat. Lep. Het. B. M. ii, p. 418, (1854).  
Moore, Proc. Zool. Soc. Lond. 1867, p. 678.  
*Milleria fuliginosa*, Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 6, (1881).  
Sylhet.

Genus *Heteropan*.437. *HETEROPAN SCINTILLANS*.

*Heteropan scintillans*, Walker, Cat. Lep. Het. B. M. ii, p. 441, (1854).  
Moore, Lep. Ceyl. ii, p. 43, pl. 96, fig. 3, (1882).  
Collection Swinhoe, Ceylon.

Genus *Herpa*.438. *HERPA SUBHYALINA*.

*Herpa subhyalina*, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).  
Sikkim.

439. *HERPA VENOSA*.

*Herpa venosa*, Walker, Cat. Lep. Het. B. M. ii, p. 442, (1854).  
I. M., Cherra.  
Collection Swinhoe, Sylhet.

Genus *Retina*.440. *RETINA RUBRIVITTA*.

*Retina rubrivitta*, Walker, Cat. Lep. Het. B. M. ii, p. 439, (1854).  
Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 4, (1881).  
I. M., Sibsagar (Peal), Sikkim (purchased).  
Collection Swinhoe, Sikkim.  
Also recorded from Sylhet.

Genus *Pidorus*.441. *PIDORUS GLAUCOPIS*.

*Phalæna glaucopis*, Drury, Ins. Exot. ii, p. 11, pl. 6, fig. 4, (1773).  
Cramer, Pap. Exot. iv, pl. 322, fig. D, (1780).  
*Zygæna glaucopis*, Fabr., Sp. Ins. ii, p. 164, 37, (1781).  
Mant. Ins. ii, p. 105, 45, (1787).  
Ent. Syst. iii, 1, p. 400, 47, (1793).  
*Leucopsumis glaucopis*, Hübn., Verz. Bek. Schmett, p. 177, 1827, (18.6).  
*Callimorpha glaucopis*, Westw., Ed. Drury ii, pl. 6, fig. 4, (1837)\*.  
*Pidorus glaucopis*, Walker, Cat. Lep. Het. B. M. ii, p. 424, (1854).  
I. M., Buxa (Moti Ram), Cachar (Wood-Mason), Sibsagar, Shil-  
long, Sikkim (Barnes).  
Collection Swinhoe, Darjiling.  
Also recorded from Sylhet.



Genus **Codane**.442. **CODANE LEUCOMELAS.**

*Codane leucomelas*, Moore, Journ. As. Soc. Beng. lv. (2), 1, p. 97, (1886).  
Siam.

443. **CODANE ZELICA.**

*Gynautocera (Chalcusia) zelica*, Doubleday, Ann. Mag. N. H. (1), xix, p. 76,  
pl. 7, fig. 3, (1847).

*Pidorus zelica*, Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854).

*Codane zelica*, Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 2, (1881).

Sylhet, Moulmein.

444. **CODANE ZENOTEIA.**

*Pidorus zenoteia*, Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854).

*Codane zenoteia*, Descr. Ind. Lep. Atk. i, p. 17, (1879).

N. India, Cherrapunji.

Genus **Soritia**.445. **SORITIA FUSCESCENS.**

*Soritia fuscescens*, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).

Darjiling.

446. **SORITIA HYALINA.**

*Cyclosia hyalina*, Kollar, Kaschmir, Von Hügel, p. 462, (1848).

*Soritia hyalina*, Walker, Cat. Lep. Het. B. M. ii, p. 436, (1854).

Mussooree.

447. **SORITIA LEPTALINA.**

*Soritia leptalina*, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).

Sylhet, Nepal.

448. **SORITIA OLIVASCENS.**

*Soritia olivascens*, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).

I. M., a specimen with no history.

Recorded from Khasi Hills.

449. **SORITIA SEXPUNCTATA.**

*Eterusia sexpunctata*, Walker, Cat. Lep. Het. B. M. ii, p. 432, (1854).

I. M., Sikkim (purchased), Cherra, Khasi Hills (purchased).

Collection Swinhoe, Nepal, Darjiling.

Also recorded from Sylhet.



Genus **Chelura**.450. **CHELURA BASIFLAVA.**

*Chelura basiflava*, Moore, Proc. Zool. Soc. Lond. 1879, p. 391.  
 ————— Waterhouse, Aid. ii, pl. 131, fig. 3, (1883).\*

Darjiling.

451. **CHELURA BIFASCIATA.**

*Chelura bifasciata*, Hope, Trans. Linn. Soc. Lond. xviii, p. 444, (1841).  
 ————— Walker, Cat. Lep. Het. B. M. ii, p. 437, (1854).

Collection Swinhoe, India.

Also recorded from Nepal and Assam.

452. **CHELURA ERONIOIDES.**

*Chelura eronioides*, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

I. M., Sikkim.

453. **CHELURA GLACIALIS.**

*Chelura glacialis*, Moore, Proc. Zool. Soc. Lond. 1872, p. 570.

I. M., a specimen with no history.

Recorded from Darjiling.

Genus **Erasmia**.454. **ERASMIA PULCHELLA.**

*Erasmia pulchella*, Hope, Trans. Linn. Soc. Lond. xviii, p. 446, pl. 31, fig. 5,  
 (1841).

————— Westw., Arcana Ent., p. 19 (1843).

————— Walker, Cat. Lep. Het. B. M. ii, p. 419, (1854).

I. M., Naga, Sikkim (Atkinson), Sibsagar (Peal), Sylhet.

Collection Swinhoe, Darjiling.

Genus **Campylotes**.455. **CAMPYLOTES ATKINSONI.**

*Campylotes atkinsoni*, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879).

————— Waterhouse, Aid. ii, pl. 92, (1882).\*

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

456. **CAMPYLOTES HISTRIONICUS.**

*Campylotes histrionicus*, Westw., Royle, Illustr. Himalayas, p. liii, pl. 10,  
 fig. 1, (1837).

————— Arcana Ent., p. 20, (1843).

————— Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).

*Chalcusia histrionica*, Kollar, Kaschmir, Von Hügel, p. 463, (1848).

I. M., Shillong, Mussooree (Templeton), Khasi Hills, Kulu (Purchased), Kumaon (Clellain), Cherra, Delhi.

Collection Swinhoe, Simla, Sikkim, Khasi Hills.

Also recorded from Nepal and Kashmir.



Genus *Atossa*.457. *ATOSSA NELCINNA*.

*Atossa nelcinna*, Moore, Proc. Zool. Soc. Lond. 1874, p. 577, pl. 67,  
fig. 7.  
N.W. Himalayas.

Genus *Thymara*.458. *THYMARA CAUDATA*.

*Thymara caudata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 394, pl. 32,  
fig. 3.

I. M., Wynaad.

Also recorded from Burma and Assam.

459. *THYMARA ZAIDA*.

*Thymara zaida*, Doubleday, Zoologist i, p. 198.\*  
Walker, Cat. Lep. Het. ii, p. 383, (1854).

N. India.

## FAMILY NYCTEMERIDÆ.

Genus *Nyctemera*.460. *NYCTEMERA ARCTATA*.

*Nyctemera arctata*, Walker, Cat. Lep. Het. B. M. vii, p. 1664, (1856).

Collection Swinhoe, Darjiling.

Also recorded from Cherrapunji.

461. *NYCTEMERA CENIS*.

*Phalæna cenis*, Cramer, Pap. Exot. ii, pl. 147, fig. E, (1777).

*Nyctemera cenis*, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 332, (1859).

I. M., Shillong, Naga Hills, Sibsagar, Yunan, Buxa (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim, Assam.

Also recorded from Cherrapunji.

462. *NYCTEMERA COLETA*.

*Phalæna coleta*, Cramer, Pap. Exot. iv, pl. 368, fig. H, (1781).

*Nyctemera coleta*, Hübn., Verz. Bek. Schmett. 178, (1816).

Walker, Cat. Lep. Het. B. M. ii, p. 399, (1854).

Moore, Journ. As. Soc. Beng., lv, (2), 1, p. 97, (1886).

I. M., Sibsagar (Peal), Perak (purchased), Tavoy (Moti Ram).

Also recorded from Ceylon and Ceram.



463. NYCTEMERA LACTICINIA.

- Phalæna (Geometra) lacticinia*, Cramer, Pap. Exot. ii, pl. 128, fig. E, (1777)  
*Nyctemera lacticinia*, Hübner, Verz. Bek. Schmett. p. 178, (1816).  
 \_\_\_\_\_ Walker, Cat. Lep. Het. B. M. ii, p. 395, (1854).  
 \_\_\_\_\_ Moore, Cat. Lep. Mus. E. I. C. ii, p. 321, pl. 14, figs. 10, 10a, (1859).  
 \_\_\_\_\_ Butler, Proc. Zool. Soc. Lond. 1881, p. 614.  
 \_\_\_\_\_ Moore, Lep. Ceyl. ii, p. 47, pl. 99, figs. 1, 1a, (1882).  
 \_\_\_\_\_ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.  
 \_\_\_\_\_ Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

I. M., Cachar (Wood-Mason).

Collection Swinhoe, Belgaum, Poona, Travancore, Nilgiri Hills.  
 Also recorded from Coromandel, Malabar, Burma, Ceylon, Java, Ceram, Hongkong.

464. NYCTEMERA MACULOSA.

*Nyctemera maculosa*, Walker, Cat. Lep. Het. B. M. xxxi, p. 198, (1864).

I. M., Sikkim, Shillong.

Allied to *N. lacticinia*.

465. NYCTEMERA NIGROVENOSA.

*Nyctemera nigrovenosa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.  
 \_\_\_\_\_ Lep. Ceyl. ii, p. 48, pl. 98, figs. 4, 4a, (1882).

Allied to *N. coleta*.

Collection Swinhoe, Ceylon.

466. NYCTEMERA TRIPUNCTARIA.

- Phalæna tripunctaria*, Linn. Mus. Lud. Ulr. p. 392, (1764).  
 \_\_\_\_\_ Syst. Nat. (ed. 12), 2, p. 864, 226, (1767).  
 \_\_\_\_\_ Cramer, Pap. Exot. i, pl. 22, fig. E. (1775).  
 \_\_\_\_\_ Fabr., Sp. Ins. ii, p. 250, 47, (1781).  
 \_\_\_\_\_ Mant. Is. (ii), p. 193, 71, (1787).  
*Nyctemera tripunctaria*, Walker, Cat. Lep. Het. B. M. ii, p. 397, (1854).  
 \_\_\_\_\_ Moore, Journ. As. Soc. Beng. lv, (2), i, p. 97, (1886).

*Nyctemera atralba*, Hübn. Verz. Bek. Schmett. 178, (1816).

I. M., Tavoy (Moti Ram).

Also recorded from Assam, Penang, China.

Genus *Pitasila*.

467. PITASILA LEUCOSPILOTA.

*Pitasila leucospilota*, Moore, Proc. Zool. Soc. Lond. 1877, p. 599, pl. 59, fig. 7.

I. M., Andaman Is. (purchased).

Collection, Swinhoe, Andaman Is.



## 468. PITASILO MOOLAICA.

*Pitasila moolaica*, Moore, Proc. Zool. Soc. Lond. 1878, p. 847, pl. 53, fig. 10.  
Tenasserim.

## 469. PITASILO VARIANS.

*Nyctemera varians*, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).  
——— *loc. cit.* vii, p. 1663, (1856).

——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 332, (1859).

*Pitasila varians*, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 4, (1881).

——— Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 234, (1884).

I. M., Sikkim (Barnes), Naga Hills, Sibsagar, Shillong, Dunsiri,  
Cachar (Wood-Mason), Buxar (Moti Ram).

Collection Swinhoe, Sikkim, Assam.

Also recorded from Moulmein.

## 470. PITASILO VARIOLOSA.

*Pitasila variolosa*, Felder, Reise Novara Lep., pl. 129, fig. 15, (1864-75).

I. M., Nicobar Is. (Cadell and deNiceville).

Collection Swinhoe, Nicobar Is.

Genus **Trypheromera**.

## 471. TRYPPHEROMERA PLAGIFERA.

*Nyctemera plagifera*, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).

*Trypheromera plagifera*, Butler, Ill. Typ. Lep. Het. v, p. 45, pl. 88, fig. 3,  
(1881).

*Tryphæromera* (sic) *plagifera*, Moore, Journ. As. Soc. Bengal, liii, (2), 3, p.  
234, (1884).

I. M., Cachar (Wood-Mason), Sikkim (purchased), Cherra, Khasi  
Hills, Sibsagar (Peal).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet and Hongkong.

Genus **Leptosoma**.

## 472. LEPTOSOMA LATISTRIGA.

*Nyctemera latistriga*, Walker, Cat. Lep. Het. B. M. ii, p. 397, (1854).

——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 331, (1859).

——— Lep. Ceyl. ii, p. 48, pl. 99, fig. 2, (1882).

*Leptosoma latistriga*, Butler, Ill. Typ. Lep. Het. v, p. 44, pl. 88, fig. 1,  
(1881).

I. M., Mergui (Anderson), Andaman Is. (purchased), Nicobar  
Is. (de Niceville), Tavoy (Moti Ram).

Collection Swinhoe, Calicut, Andaman Is.

Also recorded from Sylhet, Moulmein, Kanara, Ceylon, Java.



Genus **Zonosoma**.

473. ZONOSOMA INTERLECTUM.

*Nyctemera interlecta*, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).

*Zonosoma interlectum*, Butler, Ill. Typ. Lep. Het. v, p. 45, pl. 88, fig. 2, (1881).

Sylhet.

Genus **Pterothysanus**.

474. PTEROTHYSANUS ATRATUS.

*Pterothysanus atratus*, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

Assam.

475. PTEROTHYSANUS LATICILIA.

*Pterothysanus laticilia*, Walker, Cat. Lep. Het. B. M. ii, p. 401, (1854).

Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 333, pl. 8a, fig. 8, (1859).

Butler, Ill. Typ. Lep. Het. i, p. 56, pl. 14, fig. 2, (1877).

Ann. Mag. N. H. (5), xvi, p. 345, (1885).

I. M., Sikkim (Atkinson and Barnes), Sibsagar (Peal), Buxar (Moti Ram).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

476. PTEROTHYSANUS PICTUS.

*Pterothysanus pictus*, Butler, Ann. Mag. N. H. (5), xiv, p. 407, (1884).

Elephanta Island.

Genus **Arbudas**.

477. ARBUDAS BICOLOR.

*Arbudas bicolor*, Moore, Descr. Ind. Lep. Atk. i, p. 20, pl. 2, fig. 19, (1879).

Darjiling.

Genus **Curoba**.

478. CUROBA SANGARIDA.

*Phalæna (Noctua) sangarida*, Cramer, Pap. Exot. iv, pl. 381, fig. D. (1781).

*Phalæna (Noctua) mopsa*, Drury, Exot. Ins. iii, p. 4, pl. 3, fig. 3, (1782).

*Eucharis sangarida*, Hübn., Verz. Bek. Schmett, p. 181, (1816).

*Callimorpha mopsa*, Westw., Ed. Drury iii, p. 4, pl. 3, fig. 3, (1837).\*

*Alope mopsa*, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).

*Alope sangarida*, Walker, loc. cit. iii, p. 620, (1855).

*Curoba fasciata*, Walker, loc. cit. xxxi, p. 272, (1864).

*Curoba sangarida*, Moore, Lep. Ceyl. ii, p. 49, pl. 99, figs. 3, 3a, (1882).

Ceylon, Madras.

Genus **Dondera**.

479. DONDERA ALBA.

*Dondera alba*, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877).

Lep. Ceyl. ii, p. 48, pl. 98, fig. 3, (1882).

Ceylon.



## FAMILY CALLIDULIDÆ.

Genus *Callidula*.480. *CALLIDULA ANCHORA*.

*Callidula anchora*, Moore, MS.

I. M., Kulu (purchased), Sikkim (Barnes).  
Collection Swinhoe, Simla, Kulu.

481. *CALLIDULA ERYCINOIDES*.

*Callidula erycinoides*, Walker, Char. Undescr. Lep. Het. p. 3, (1869).

Collection Swinhoe, Darjiling, Terai Ghat.

Genus *Cleosiris*.482. *CLEOSIRIS CATAMITA*.

*Cleosiris catamita*, Hübn. Geyr. Zutr. Exot. Schmett, pt. 4, p. 17, figs. 653, 654, (1832).\*

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxi, p. 59, (1864).

————— Doubleday Westw., Gen. Diurn. Lep. ii, p. 504, pl. 77, fig. 9.

————— Boisd., Sp. Gen. Lep. i, pl. 23, fig. 3.\*

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 599.

————— Snellen, Tijd. Ent. xxii, p. 67, pl. vi, figs. 1, 1a, 1b, 1c, (1879).

————— Moore, Lep. Ceyl. ii, p. 50, pl. 99, figs. 4, 4a, (1882).

I. M., Sibsagar (Peal), Sikkim (Barnes), Andaman Is., *var.* (purchased), Nicobar Is., *var.* (purchased).

Collection Swinhoe, Sikkim, and Ceylon.

Also recorded from Sylhet, S. India, and Java.

483. *CLEOSIRIS MAJOR*.

*Cleosiris major*, Moore, Proc. Zool. Soc. Lond. 1883, p. 15.

N. India.

Genus *Herimba*.484. *HERIMBA ATKINSONI*.

*Herimba atkinsoni*, Moore, Descr. Ind. Lep. Atk. i, p. 21, pl. 2, fig. 3, (1879).

Darjiling.

Genus *Datanga*.485. *DATANGA ATTENUATA*.

*Datanga attenuata*, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879).

Collection Swinhoe, Sikkim.



## 486. DATANGA MINOR.

*Datanga minor*, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879).  
Moulmein, Burma.

## FAMILY PSYCHIDÆ.

Genus *Aprata*.

## 487. APRATA MACKWOODII.

*Aprata mackwoodii*, Moore, Lep. Ceyl. ii, p. 107, pl. 118, fig. 8, (1882).  
Ceylon.

## 488. APRATA THWAITESII.

*Aprata thwaitesii*, Moore, Lep. Ceyl. ii, p. 107, pl. 118, figs. 7, 7a, (1882).  
Ceylon.

Genus *Bambalina*.

## 489. BAMBALINA CONSORTA.

*Oiketicus (Cryptothelea) consortus*, Templeton, Trans. Ent. Soc. Lond. v,  
p. 40, pl. 5, figs. 6, 7,  
(1847-49).

*Oiketicus consortus*, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 36,  
fig. 3.

————— Heyleart, Comptes Rend. Soc. Ent. Belg. 1884, p.  
xxxvii.

*Bambalina consorta*, Moore, Lep. Ceyl. ii, p. 103, pl. 118, figs. 3, 3a, (1882).  
Ceylon, N. India.

Genus *Eumeta*.

## 490. EUMETA CRAMERII.

*Oiketicus cramerii*, Westw., Proc. Zool. Soc. Lond. 1854, p. 236, pl. 37, fig. 4.  
*Cryptothelea consorta*, Walker (*nec* Templeton), Cat. Lep. Het. B. M. iv,  
p. 970, (1855).

*Eumeta crameri*, Moore, Cat. Lep. Mus. E. I. Co. ii, p. 434, (1859).

————— Lep. Ceyl. ii, p. 102, pl. 118, figs. 1, 1a, (1882).

*Eumeta nietneri*, Felder, Reise Novara, pl. 83, fig. 21, (1864-75).

I. M., Calcutta (Wood-Mason), Panjab (India Forest Depart-  
ment), Assam (Messrs. Mackinnon, Mackenzie & Co.)

Also recorded from Kanara and Ceylon.

## 491. EUMETA LAYARDII.

*Eumeta layardii*, Moore, Lep. Ceyl. ii, p. 102, pl. 118, figs. 2, 2a, (1882).

*Eumeta cramerii*, Walker (*nec* Westw.) Cat. Lep. Het. B. M. iv, p. 964,  
(1855).

Ceylon.



Genus **Dappula**.492. **DAPPULA TEMPLETONII**.

*Oiketicus templetonii*, Westw., Proc. Zool. Soc. Lond. (1854), p. 234, pl. 36, fig. 2.

————— Heylearts, Comptes Rend. Soc. Ent. Belg. 1884, p. xxxvii.

*Oiketicus tertius*, Templeton, Trans. Ent. Soc. Lond. v, p. 39, pl. 5, figs. 1-5, (1847-49).

*Eumeta templetonii*, Walker, Cat. Lep. Het. B. M. iv, p. 965, (1855).

*Dappula templetonii*, Moore, Lep. Ceyl. ii, p. 104, pl. 118, figs. 6, 6a, (1882).

Ceylon, Hongkong.

Genus **Manatha**.493. **MANATHA ALBIPES**.

*Manatha albipes*, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).

————— Lep. Ceyl. ii, p. 105, pl. 118, figs. 4, 4a, (1882).

Ceylon.

Genus **Metisa**.494. **METISA PLANA**.

*Metisa plana*, Walker, Cat. Lep. Het. B. M. iv, p. 958, (1855).

————— Moore, Lep. Ceyl. ii, p. 105, pl. 118, fig. 9, (1882).

Ceylon.

Genus **Chalia**.495. **CHALIA DOUBLEDAIL**.

*Oiketicus doubledaili*, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 34, fig. 4.

*Psyche doubledaili*, Walker, Cat. Lep. Het. B. M. iv, p. 956, (1855).

*Chalia doubledayi*, Moore, Ann. Mag. N. H. (4), xx, p. 346, (1877).

————— Lep. Ceyl. ii, p. 106, pl. 118, figs. 5, 5a, (1882).

Ceylon.

Genus **Mahasena**.496. **MAHASENA ANDAMANA**.

*Mahasena andamana*, Moore, Proc. Zool. Soc. Lond. 1877, p. 602, pl. 59, fig. 4.

S. Andaman Is.

Genus **Kophene**.497. **KOPHENE CUPREA**.

*Kophene cuprea*, Moore, Descr. Ind. Lep. Atk. i, p. 72, (1879).

Calcutta.



## 498. KOPHENE MINOR.

*Kophene minor*, Moore, Descr. Ind. Lep. Atk. i, p. 73, (1879).*Chalia minor*, Heylearts, Comptes Rendus Soc. Ent. Belg. 1884, p. xxxvi.  
Calcutta.

## FAMILY NYCTEOLIDÆ.

Genus *Earias*.499. *EARIAS CHROMATARIA*.*Earias chromataria*, Walker, Cat. Lep. Hep. B. M. xxvii, p. 204, (1863).*Earias chromotaria* (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880.

Collection Swinhoe, Simla, Bombay.

500. *EARIAS INSULANA*.*Tortrix insulana*, Boisd., Faune Ent. Madag., p. 121, pl. 16, fig. 9, (1833). \**Earias smaragdinana*, Zeller (nec Walker), Lep. Mic. Wahlb. Caffr., p. 79,  
(1852). \**Cleophora insula*, Boisd., Guen. Notes, Bourbon, Maillard, ii, G, p. 39,  
(1863). \**Earias frondosana*, Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (except  
var. B) (1863).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.

———— loc. cit., 1885, p. 880.

———— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, fig. 1,  
(1886).*Earias simillima*, Walker, loc. cit., xxxv, p. 1775, (1866).

———— Swinhoe, loc. cit., 1885, p. 880.

*Earias siliquana*, Stainton, Trans. Ent. Soc. Lond. (iii), v, p. lxxxix (1865-67).*Earias gossypii*, Frauenfeld, Verh. Zool. Bot. Ges. Wien. xvii, p. 791, (1867).

———— loc. cit., xviii, p. 417, (1868).

*Earias insulana*, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 869,  
(1870).Collection Swinhoe, Bombay, Satara, Poona, Asirgarh Kara-  
chi.Also recorded from S. Europe, Africa, Madagascar, Mauritius,  
and Siam.

Attacks cotton boll in Egypt.

501. *EARIAS HÜGELI*.(?) *Earias frondosana* (var. 'B), Walker, Cat. Lep. Het. B. M. xxvii, p. 204,  
(1863).*Earias hügelii*, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 872, (1870).

India, Australia.

502. *EARIAS SPEIPLA*.*Aphusia speiplena*, Walker, Cat. Lep. Het. B. M. xii, p. 770, (1857).*Micra partita*, Walker, xxxiii, p. 799, (1865).Collection Swinhoe, Cawnpore, Mhow, Karachi, Bombay, Khan-  
dalla.

Also recorded from Java.



503. *EARIAS TRISTRIGOSA*.

*Earias tristrigosa*, Butler, Proc. Zool. Soc. Lond. 1881, p. 614.

————— *loc. cit.* 1883, p. 157.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528; and 1885, p. 881.

Collection Swinhoe, Karachi, Beluchistan.

Also recorded from Bombay and the Punjab.

Genus *Tyana*.504. *TYANA CALLICHLORA*.

*Tyana callichlora*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1776, (1866).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 14.

————— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, figs. 2 & 3, (1886).

I. M., a specimen with no history.

Collection Swinhoe, Darjiling.

505. *TYANA CHLOROLEUOA*.

*Tyana chloroleuca*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1777, (1866).

————— Butler, Ill. Typ. Lep. Het. vi, p. 15, pl. 105, figs. 5 & 6, (1886).

Darjiling.

506. *TYANA FALCATA*.

*Hylophila falcata*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1772, (1866).

*Tyana falcata*, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 9, (1886).

Collection Swinhoe, Darjiling.

507. *TYANA LANCINA*.

*Tyana lancina*, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).

————— Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 8, (1886).

Bhotan.

508. *TYANA PUSTULIFERA*.

*Earias pustulifera*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1773, (1866).

*Tyana pustulifera*, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 7, (1886).

Nepal.

509. *TYANA SPECULATRIX*.

*Tyana speculatrix*, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880).

————— Ill. Typ. Lep. Het. vi, p. 15, pl. 105, fig. 4, (1886).

Collection Swinhoe, Sikkim.

510. *TYANA SUPERBA*.

*Tyana superba*, Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 15.

Darjiling.

Genus *Thagora*.511. *THAGORA FIGURANA*.

*Thagora figurana*, Walker, Cat. Lep. Het. B. M. xxvii, p. 205, (1863).

Ceylon.



## FAMILY LITHOSIIDÆ.

## Sub-Family HYP SINÆ.

Genus *Peridrome*.

## 512. PERIDROME ORBICULARIS.

*Hypsa (Peridrome) orbicularis*, Walker, Cat. Lep. Het. B. M. ii, p. 445, (1854).

*Aganopsis subquadrata*, Herr. Schöff., Lep. Spec. Nov., p. 70, fig. 501, (1856).\*

*Peridrome orbicularis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; 1877, p. 598; and 1878, p. 847.

I. M., Sylhet, Tenasserim, Andaman Is. (purchased).

Collection Swinhoe, Andamans, Rangoon, Assam.

Genus *Euplocia*.

## 513. EUPLOCIA MEMBLIARIA.

*Phalæna membliaria*, Cramer, Pap. Exot. iii, p. 269, figs. C, D, (1780).

*Euplocia membliaria*, Hübner, Verz. Bek. Schmett. p. 172, (1816).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1877, p. 598.

*Hypsa membliaria*, Walker, Cat. Lep. Het. B. M. ii, p. 448, (1854).

I. M., Andaman Is. (purchased).

Collection Swinhoe, South Andamans.

Also recorded from Bengal.

Genus *Neochera*.

## 514. NEOCHERA DOMINA.

*Phalæna domina*, Cramer, Pap. Exot. iii, pl. 263, figs. A, B, (1779).

*Neochera domina*, Hübn. Verz. Bek. Schmett, p. 173, (1816).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

Cherrapunji, Coromandel, Sylhet, Java.

## 515. NEOCHERA MARMOREA.

*Hypsa (Neochera) dominia*, Walker (*nec* Cramer), Cat. Lep. Het. B. M. ii, p. 448, (1854).

*Hypsa (Euplocia) marmorea*, Walker, *loc. cit.* vii, p. 1674, (1856).

*Neochera marmorea*, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1878, p. 847.

————— Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, figs. 10 and 11.

I. M., Sikkim (purchased), Buxa (Moti Ram), Cachar (Wood-Mason), Sylhet, Naga Hills, Sibsagar (Peal), Tavoy (Moti Ram).

Collection Swinhoe, Pegu, Sylhet, Sibsagar, Rangoon.

Also recorded from Moulmein and Java.

## 516. NEOCHERA TORTUOSA.

*Neochera tortuosa*, Moore, Proc. Zool. Soc. Lond. 1872, p. 570, pl. 33, fig. 2.

India.



Genus *Hypsa*.517. *HYPSA CANARAICA*.

*Hypsa canaraica*, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.

Collection Swinhoe, Nilgiris.

Also recorded from Kanara.

Allied to *H. heliconia*.

518. *HYPSA CLAVATA*.

*Hypsa clavata*, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.

————— Moore, Journ. As. Soc. Beng. (53), 2, iii, p. 235, (1884).

Cachar, Sylhet, Hongkong.

519. *HYPSA HELICONIA*.

*Phalæna heliconia*, Linn., Syst. Nat., ed. x, p. 511, (1758). \*

————— Mus. Lud. Ulr., p. 385, (1764).

*Hypsa doryca*, Walker, Cat. Lep. Het. B. M. ii, p. 459, (1854).

*Hypsa heliconia*, Aurivillius (*nec* Walker), Kon. Sv. Akad. Handl. Band 19, No. 5, p. 159, pl. 1, fig. 6, (1882).

Sylhet, New Guinea.

520. *HYPSA LACTEATA*.

*Hypsa lacteata*, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 9, (1881).

Collection Swinhoe, Sylhet.

Also recorded from Darjiling.

521. *HYPSA MONYCHA*.

*Phalæna monycha*, Cramer, Pap. Exot. ii, pl. 131, fig. C, (1777).

*Hypsa monycha*, Walker, Cat. Lep. Het. B. M. ii, p. 451, (1854).

I. M., Sibsagar (Peal), Cachar (Wood-Mason).

Collection Swinhoe, Sylhet.

Also recorded from Coromandel.

Allied to *H. plana*.

522. *HYPSA PAPHOS*.

*Noctua paphos*, Fabr., Ent. Syst. iii, (2), p. 18, No. 33. (1794).

*Hypsa heliconia*, var. *a*, Walker, Cat. Lep. Het. B. M. ii, p. 452, (1854).

I. M., Sibsagar (Peal), Sikkim (purchased), Cachar, (Wood-Mason).

Collection Swinhoe, Sikkim, Rangoon.

523. *HYPSA PERSECTA*.

*Hypsa persecta*, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.

————— Moore, Lep. Ceyl. ii, p. 51, pl. 100, figs. 1, 1a, (1882).

I. M., Sikkim, Khurdha (deNiceville).

Also recorded from Ceylon.

Allied to *H. plana*.

524. *HYPSA PLANA*.

*Hypsa plana*, Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).

Sylhet, Ceylon, Java.



525. *HYPSA SILVANDRA*.

*Phalæna silvandra*, Cramer, Pap. Exot. iv, pl. 369, fig. D, (1781).

*Hypsa silvandra*, Hübn. Verz. Bek. Schmett., p. 172, (1816).

———— Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).

———— *loc. cit.* vii, p. 1674, (1856).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

I. M., Sibsagar (Peal).

Collection Swinhoe, Upper Tenasserim.

Also recorded from Coromandel, Sylhet, Hongkong, and Australia.

526. *HYPSA SUBSIMILIS*.

*Hypsa subsimilis*, Walker, Cat. Lep. Het. B. M. xxxi, p. 212, (1864).

———— Moore, Proc. Zool. Soc. Lond. (1878), p. 847.

Singapore, Tenasserim.

527. *HYPSA VENALBA*.

*Hypsa venalba*, Moore, Proc. Zool. Soc. Lond. 1877, p. 598.

I. M., Nicobar Is. (Cadell and deNiceville).

Collection Swinhoe, Nicobar Is.

Also recorded from Andaman Is.

Genus *Damalis*.528. *DAMALIS ALCIPHRON*.

*Phalæna alciphron*, Cramer, Pap. Exot. ii, pl. 133, fig. E, (1777).

*Noctua carica*, Fabr., Ent. Syst. iii, 2, p. 27, 63, (1794).

———— Donovan, Epit. Ins. New. Holl., pl. 39, fig. 2, \*

*Hipocrita (vulgaris) carica*, Hübn., Samml. Exot. Schmett. 1, pl. 191, figs. 1-4, (1806). \*

*Damalis carica*, Hübn., Verz. Bek. Schmett., p. 172, (1816).

*Hypsa (Damalis) carica*, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).

———— *loc. cit.* vii, p. 1675, (1856).

*Hypsa alciphron*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 292, pl. 13, figs. 6, 6a, (1859).

*Hypsa carica*, Snellen, Tijd. Ent. xx, p. 6, (1877).

*Damalis alciphron*, Moore, Proc. Zool. Soc. Lond. 1877, p. 598; and 1878, p. 847.

———— Lep. Ceyl. ii, p. 52, pl. 102, figs. 1, 1a, 1b, (1882).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Kulu (purchased) Andaman Is. (purchased).

Collection Swinhoe, Andamans, Bombay.

Also recorded from Tenasserim, Penang, Ceylon, Amboina, Ceram, New Guinea, Java.

529. *DAMALIS ANDAMANA*.

*Hypsa andamana*, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 5.

I. M., Andaman Is. (purchased).

Part II.



## 530. DAMALIS CONCANA.

*Damalis concana*, Moore, Proc. Zool. Soc. Lond. 1878, p.  
Waterhouse, Aid, ii, pl. 132, fig. 7. \*

Canara.

Allied to *D. alciphron*.

## 531. DAMALIS EGENS.

*Hypsa (Damalis) egens*, Walker, Cat. Lep. Het. B. M. ii, p. 453, (1854).

*Aganais egens*, Snellen, Tijds. Ent. xxii, p. 80, pl. 7, fig. 4, (1879).

*Damalis egens*, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 8, (1881).

I. M., Buxa (Moti Ram), Sikkim (Barnes), Sibsagar (Peal).

Collection Swinhoe, Assam, Rangoon.

Also recorded from Sylhet, Moulmein, and Java.

## 532. DAMALIS JAVANA.

*Phalæna javana*, Cramer, Pap. Exot. iii, pl. 274, fig. C, (1780).

*Hypsa javana*, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).

Java, E. Indies.

## 533. DAMALIS NEBULOSA.

*Damalis nebulosa*, Butler, Trans. Ent. Soc. Lond. 1875, p. 322.

Andaman Is., Sarawak.

## 534. DAMALIS PLAGINOTA.

*Hypsa plaginota*, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.

*Damalis plaginota*, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.

Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 7, (1881).

I. M., Sylhet, Kulu (purchased), Cachar (Wood-Mason), Sibsagar, Sikkim (Barnes), Buxa (Moti Ram).

Collection Swinhoe, Simla, Sikkim, Kulu.

Also recorded from Tenasserim.

Allied to *D. alciphron*.

## 535. DAMALIS PRODUCTA.

*Hypsa producta*, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.

*Damalis producta*, Moore, Lep. Ceyl. ii, p. 52, pl. 101, figs. 1, 1a, (1882).

Collection Swinhoe, Ceylon.

## 536. DAMALIS SERICEA.

*Hypsa sericea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.

*Damalis sericea*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

Collection Swinhoe, Poona, Bombay.

Also recorded from Kanara.



537. *DAMALIS STRIGIVENATA*.

*Damalis strigivenata*, Butler, Trans. Ent. Soc. Lond. 1875, p. 321.  
 ————— Ann. Mag. N. H. (5), V, p. 223, (1880).  
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.  
 I. M., Tavoy (Moti Ram), Perak (purchased).  
 Collection Swinhoe, Calicut, Belgaum, Poona, Bombay.  
 Allied to *D. alciphron*.

Genus *Lacides*.538. *LACIDES FICUS*.

*Noctua ficus*, Fabr., Ent. Syst. iii, 2, p. 27, 62, (1794).  
*Damalis ficus*, Hübn. Verz. Bek. Schmett, p. 172, 1781, (1816).  
*Hypsa (Lacides) ficus*, Walker, Cat. Lep. Het. B. M. ii, p. 456, (1854).  
*Hypsa ficus*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 293, pl. 13, figs. 8, 8a,  
 (1859).  
*Lacides ficus*, Moore, Lep. Ceyl. ii, p. 53, pl. 100, fig. 2, (1882).  
 ————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397.  
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.  
 ————— Proc. Zool. Soc. Lond. 1886, p. 437.  
 I. M., Allahabad (Dobson), Kulu (purchased).  
 Collection Swinhoe, Simla, Mhow, Poona, Belgaum, Bombay,  
 Karachi, Mahableshwar.  
 Also recorded from Tranquebar, Kanara, and Ceylon.

Genus *Anagnia*.539. *ANAGNIA SUBFASCIA*.

*Hypsa (Anagnia) subfascia*, Walker, Cat. Lep. Het. B. M. ii, p. 446, (1854).  
*Anagnia subfascia*, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.  
 Collection Swinhoe, N. India.  
 Also recorded from Tenasserim.

Genus *Philona*.540. *PHILONA CINERASCENS*.

*Hypsa (Philona) cinerascens*, Moore, Proc. Zool. Soc. Lond. 1877, p. 598,  
 pl. 59, fig. 6.  
 I. M., Andaman Is. (purchased).  
 Collection Swinhoe, Upper Tenasserim, South Andamans.

541. *PHILONA INOPS*.

*Hypsa (Philona) inops*, Walker, Cat. Lep. Het. B. M. ii, p. 457, (1854).  
*Philona inops*, Moore, Proc. Zool. Soc. Lond. 1867, p. 677.  
 ————— Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 6 (1881).  
 I. M., Sibsagar (Peal), Cachar (Wood-Mason).  
 Collection Swinhoe, Sikkim.  
 Also recorded from Sylhet.

Genus *Calpenia*.542. *CALPENIA KHASIANA*.

*Calpenia khasiana*, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.  
 ————— Descr. Ind. Lep. Atk. i, p. 22, (1879).  
 Khasi Hills.



## 543. CALPENIA SAUNDERSI.

*Calpenia saundersi*, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 1.  
India.

Genus **Agrisius**.

## 544. AGRISIUS FULIGINOSUS.

*Agrisius fuliginosus*, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 3.  
India.

## 545. AGRISIUS GUTTIVITTA.

*Agrisius guttivitta*, Walker, Cat. Lep. Het. B. M. iii, p. 723, (1854).  
 \_\_\_\_\_ Moore, Proc. Zool. Soc. Lond. 1867, p. 677.  
 \_\_\_\_\_ Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 2, (1881).  
Collection Swinhoe, Sikkim.

Genus **Migoplastis**.

## 546. MIGOPLASTIS CORRECTA.

*Hypsa correcta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 217, (1864).  
*Migoplastis ceylanica*, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285,  
 (1868).  
*Migoplastes ceylonica* (sic), Moore, Lep. Ceyl. ii, p. 54, pl. 100, fig. 5, (1882).  
*Pachyphilona correcta*, Butler, Trans. Ent. Soc. Lond. 1875, p. 325.  
Ceylon.

Genus **Digama**.

## 547. DIGAMA FASCIATA.

*Digama fasciata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 362.  
 \_\_\_\_\_ Moore, Lep. Ceyl. ii, p. 55, pl. 100, fig. 4, (1882).  
Ceylon.

## 548. DIGAMA FIGURATA.

*Digama figurata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.  
Collection Swinhoe, North Kanara, Bombay, Khandalla,  
Mahableshwar.  
Also recorded from Burma.

## 549. DIGAMA HEARSEYANA.

*Digama hearseyana*, (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. 7a,  
 fig. 3a, (1859).  
 \_\_\_\_\_ Walker, Cat. Lep. Het. B. M. xxxi, p. 238, 1864.  
 \_\_\_\_\_ Butler, Trans. Ent. Soc. Lond. 1877, p. 363.  
 \_\_\_\_\_ Moore, Proc. Zool. Soc. Lond. 1878, p. 4.  
 \_\_\_\_\_ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.  
I. M., Kulu (purchased).  
Collection Swinhoe, Simla, Mirzapore, Sikkim, Campbellpur  
Bombay, Poona.  
Also recorded from Allahabad, Manpuri, Dehra, Kanara, and  
Ceylon.



## 550. DIGAMA INSULANA.

- Digama insulana*, Felder, Verh. Zool. Bot. Ges. Wien. xviii, p. 285, (1868).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 363.  
 ————— Moore, Proc. Zool. Soc. Lond. 1878, p. 5.  
 ————— Lep. Ceyl. ii, p. 54, pl. 100, fig. 3, (1882).  
*Digama hearseyana* (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. vii a,  
 fig. 3, (1859).

Collection Swinhoe, Ceylon.  
 Also recorded from India.

## 551. DIGAMA MARCHALII.

- Callimorpha marchalii*, Guer., Voy. Deless. Hist. Nat., p. 91, pl. 26, fig. 2,  
 (1843).  
*Hypercompa marchalii*, Walker, Cat. Lep. Het. ii, p. 656, (1855).  
*Digama marchalii*, Butler, Trans. Ent. Soc. Lond. 1877, p. 363.  
 Nilgiri Hills.

## 552. DIGAMA NEBULOSA.

- Digama nebulosa*, Walker, Cat. Lep. Het. B. M. xxxi, p. 238, (1864).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 362.  
 India.

## 553. DIGAMA SIMILIS.

- Digama similis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.  
 N.-W. Himalayas.

## Sub-Family LITHOSIINÆ.

Genus *Macrobrochis*.

## 554. MACROBROCHIS ALBICANS.

- Macrobrochis albicans*, Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 5, (1881)  
 Bhotan.  
 Allied to *M. leucospilota*.

## 555. MACROBROCHIS ATRATA.

- Lithosia gigas* (var. ♂), Walker, Cat. Lep. Het. B. M. vii, p. 1681, (1855).  
*Macrobrochis atrata*, Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 3,  
 (1881).  
 I. M., Sikkim (purchased).  
 Collection Swinhoe, Sylhet.

## 556. MACROBROCHIS GIGAS.

- Lithosia gigas*, ♂, Walker, Cat. Lep. Het. B. M. ii, p. 494, (1854); and vii, p.  
 1681, (1856).  
*Macrobrochis interstitialis*, Herr Schäff, Lep. Exot., pl. 72, fig. 531, (1856).  
*Macrobrochis gigas*, Walker, loc. cit. xxxi, p. 223, (1864).  
 ————— Moore, Proc. Zool. Soc. Lond. 1878, p. 7.  
 ————— Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 4, (1881).  
 I. M., Sikkim (Barnes and Elwes).  
 Collection Swinhoe, Sikkim.  
 Also recorded from Sylhet.



557. *MACROBROCHIS LEUCOSPILOTA*.

*Macrobrochis leucospilota*, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.  
Cherrapunji.

558. *MACROBROCHIS NIGRESCENS*.

*Macrobrochis nigrescens*, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.  
N.-E. Bengal.  
Allied to *M. gigas*.

Genus *Eligma*.559. *ELIGMA NARCISSUS*.

*Phalæna narcissus*, Cramer, Pap. Exot. i, pl. 73, figs. E, F, (1775).  
*Eligma narcissus*, Moore, Proc. Zool. Soc. Lond. 1878, p. 7.  
Collection Swinhoe, Madras.  
Also recorded from Penang, China, and Java.

Genus *Tripura*.560. *TRIPURA PRASENA*.

*Tripura prasena*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7a, fig. 6,  
(1859).  
Proc. Zool. Soc. Lond. 1878, p. 8.  
I. M., Naga Hills.  
Also recorded from the Himalayas.

Genus *Sidyma*.561. *SIDYMA ALBIFINIS*.

*Sidyma albifinis*, Walker, Cat. Lep. Het. B. M. vii, p. 1686, (1856).  
Butler, Trans. Ent. Soc. Lond. 1877, p. 360.  
Moore, Proc. Zool. Soc. Lond. 1878, p. 9.  
Collection Swinhoe, Simla.  
Also recorded from Mussooree.

662. *SIDYMA APICALIS*.

*Sidyma apicalis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 9, pl. 1, fig. 11.  
Descr. Ind. Lep. Atk. i, p. 22, (1879).  
Darjiling.

Genus *Vamuna*.563. *VAMUNA BIPARS*.

*Vamuna bipars*, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 11.  
Descr. Ind. Lep. Atk. i, p. 23, (1879).  
Darjiling.

564. *VAMUNA MACULATA*.

*Vamuna maculata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 5.  
Descr. Ind. Lep. Atk. i, p. 23, (1879).  
Darjiling.



## 565. VAMUNA REMELANA.

*Lithosia remelana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.  
 ——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).  
*Crambomorpha, remelana*, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.  
*Vamuna remelana*, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.

Collection Swinhoe, North Khasi Hills, Sikkim.

Genus *Crambomorpha*.

## 566. CRAMBOMORPHA BINOTATUM.

*Camptoloma binotatum*, Butler, Ann. Mag. N. H. (5), vii, p. 35, (1881).  
 Assam.

Genus *Paraona*.

## 567. PARAONA SPLENDENS.

*Crambomorpha splendens*, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.  
*Paraona splendens*, Moore, Proc. Zool. Soc. Lond. 1878, p. 8, pl. 1, fig. 1.  
 Bombay.

Genus *Chrysæglia*.

## 568. CHRYSÆGLIA FERRIFASCIATA.

*Chrysæglia ferrifasciata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1,  
 fig. 6.

I. M., Naga Hills, Sibsagar, Sikkim (Barnes).

Collection Swinhoe, Sikkim.

Also recorded from Nepal.

## 569. CHRYSÆGLIA MAGNIFICA.

*Lithosia magnifica*, Walker, Journ. Linn. Soc. Lond. vi, p. 103.  
*Chrysæglia magnifica*, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.  
 ——— Moore, Proc. Zool. Soc. Lond. 1878, p. 13.

I. M., Cherra.

Collection Swinhoe, Simla.

Also recorded from Borneo.

Genus *Ænistis*.

## 570. ÆNISTIS ENTELLA.

*Phalæna entella*, Cramer, Pap. Exot. iii, pl. 208, fig. D, (1779).  
*Ænistis entelleola*, Hübn. Verz. Bek. Schmett., p. 165, (1816).  
*Lithosia entella*, Walker, Cat. Lep. Het. B. M. ii, p. 495, (1854).  
*Crambomorpha entella*, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.  
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.  
*Ænistis entella*, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, and p. 847.  
 ——— Lep. Ceyl. ii, p. 55, pl. 101, fig. 2, (1882).

Collection Swinhoe, Bombay, Khandalla, Ceylon.

Also recorded from Tenasserim and Sarawak.



Genus **Mahavira**.

## 571. MAHAVIRA FLAVICOLLIS.

*Mahavira flavicollis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 11, pl. 1, fig. 3.  
 ————— Descr. Ind. Lep. Atk. i, p. 24, (1879).

Darjiling.

Genus **Korawa**.

## 572. KORAWA PALLIDA.

*Korawa pallida*, Moore, Proc. Zool. Soc. Lond. 1878, p. 12.  
 ————— Descr. Ind. Lep. Atk. 1, p. 25, (1879.)

Darjiling.

Genus **Hesudra**.

## 573. HESUDRA DIVISA.

*Hesudra divisa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 12, pl. 1, fig. 4.  
 ————— Descr. Ind. Lep. Atk. 1, p. 26, (1879).

Darjiling.

Genus **Ghoria**.

## 574. GHORIA ALBOCINEREA.

*Ghoria albocinerea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1, fig. 10.  
 ————— Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

## 575. GHORIA SERICEIPENNIS.

*Ghoria sericeipennis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 13.  
 ————— Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Collection Swinhoe, Sikkim.

Genus **Tarika**.

## 576. TARIKA NIVEA.

*Lithosia nivea*, Walker, M.S.  
*Tarika nivea*, Moore, Proc. Zool. Soc. Lond. (1878), p. 15.  
 ————— Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

## 577. TARIKA VARANA.

*Lithosia varana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.  
 ————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 353.  
*Tarika varana*, Moore, loc. cit. 1878, p. 15, pl. 1, fig. 8.

Darjiling.

Genus **Collita**.

## 578. COLLITA LILACINA.

*Collita lilacina*, Moore, Proc. Zool. Soc. Lond. 1878, p. 16.

Yunan.



## 579. COLLITA PARVA.

*Collita parva*, Moore, Proc. Zool. Soc. Lond. 1878, p. 16, pl. 1, fig. 13.  
Darjiling.

Genus **Katha**.

## 580. KATHA BREVIPENNIS.

*Lithosia brevipennis*, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).  
Butler, Trans. Ent. Soc. Lond. 1877, p. 351.  
*Katha brevipennis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.  
Lep. Ceyl. ii, p. 56, pl. 101, fig. 4, (1882).

S. India, Ceylon.

## 581. KATHA CUCULLATA.

*Katha cucullata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.  
Andaman Is.

## 582. KATHA INTERMIXTA.

*Lithosia (Macrobrochis) intermixta*, Walker, Cat. Lep. Het. B. M. xxxi  
p. 229, (1864).  
*Lithosia intermixta*, Butler, Trans. Ent. Soc. Lond. 1877, p. 351.  
Moore, Proc. Zool. Soc. Lond. 1877, p. 597.  
*Katha intermixta*, Moore, loc. cit. 1878, p. 17.  
S. India, Andaman Is.

## 583. KATHA NIGRIFRONS.

*Lithosia nigrifrons*, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.  
*Katha nigrifrons*, Moore, loc. cit. 1878, p. 17, pl. 1, fig. 15.  
N. India.

## 584. KATHA TERMINALIS.

*Katha terminalis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 17, pl. 1, fig. 14.  
Descr. Ind. Lep. Atk. i, p. 28, (1879).  
Darjiling.

Genus **Manulea**.

## 585. MANULEA CALAMARIA.

*Manulea calamaria*, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.  
N.-W. Himalayas.

Genus **Systropha**.

## 586. SYSTROPHA AURIFLUA.

*Systropha auriflua*, Moore, Proc. Zool. Soc. Lond. 1878, p. 18, pl. 2, fig. 7.  
Manpuri, N.-W. India.



## 587. SYSTROPHA DORSALIS.

Systropha dorsalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.  
 Descr. Ind. Lep. Atk. 1, p. 28, (1879).

Darjiling.

Genus **Capissa**.

## 588. CAPISSA AURIFLAVA.

*Capissa auriflava*, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

Nepal.

Allied to *C. vagesa*.

## 589. CAPISSA FASCIATA.

Capissa fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 4.  
 Lep. Ceyl. ii, p. 57, pl. 102, fig. 2, (1882).

Ceylon.

## 590. CAPISSA FLAVENS.

*Capissa flavens*, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Kashmir.

## 591. CAPISSA INNOTATA.

Lithosia innotata, Walker, M.S.

Butler, Trans. Ent. Soc. Lond. 1877, p. 352.

*Capissa innotata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 2.

Nepal, N.-W. Himalayas.

## 592. CAPISSA NIGRIPARS.

*Lithosia nigripars*, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).

*Capissa nigripars*, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

N. India.

## 593. CAPISSA PALLENS.

Capissa pallens, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 3.  
 Descr. Ind. Lep. Atk. i, p. 28, (1879).

Darjiling.

## 594. CAPISSA VAGESA.

Lithosia vagesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 304, (1859).

Proc. Zool. Soc. Lond. 1867, p. 677.

*Macrobrochis (Lithosia) vagesa*, Walker, Cat. Lep. Het B. M. xxxi, p. 226,  
 (1864).

*Capissa vagesa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

I. M., Kulu (purchased).

Collection Swinhoe, Simla, Sikkim, Kulu.

Also recorded from the Khasi Hills.



Genus **Dolgoma**.595. **DOLGOMA ANGULIFERA.***Lithosia angulifera*, Felder, Reise Novara Lep., pl. 106, fig. 12, (1864-75).*Dolgoma angulifera*, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Darjiling.

596. **DOLGOMA BRUNNEA.***Dolgoma brunnea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 8.

————— Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

597. **DOLGOMA OBLITTERANS.***Lithosia oblitterans*, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285, (1868).*Dolgoma oblitterans*, Moore, Lep. Ceyl. ii, p. 57, (1882).

Ceylon.

598. **DOLGOMA RETICULATA.***Lithosia reticulata*, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).

————— Butler, Trans. Ent. Soc. Lond. 1877, p. 354.

*Dolgoma reticulata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Collection Swinhoe, Sikkim.

Genus **Mithuna**.599. **MITHUNA QUADRIPLAGA.***Mithuna quadriplaga*, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 9.

————— Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

Genus **Cossa**.600. **COSSA BASIGERA.***Cossa basigera*, Walker, Cat. Lep. Het. B. M. xxxi, p. 233, (1864).

————— Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

————— Moore, Proc. Zool. Soc. Lond. 1878, p. 21.

S. India.

601. **COSSA BRUNNEA.***Cossa brunnea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 11.

————— Descr. Ind. Lep. Atk. i, p. 30, (1879).

Darjiling.

602. **COSSA INDUCTA.***Lithosia (Macrobrochis) inducta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 232, (1864).*Cossa inducta*, Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

S. India.



## 603. COSSA NUBECULA.

*Cossa nubecula*, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.  
Andaman Is.

## 604. COSSA QUADRISIGNATA.

*Cossa quadrisignata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 10.  
Descr. Ind. Lep. Atk. 1, p. 30, (1879).  
Darjiling.

## 605. COSSA PALLIDA.

*Cossa pallida*, Moore, Proc. Zool. Soc. Lond. 1878, p. 21.  
Dharmasala.

Genus **Ranghana**.

## 606. RANGHANA PUNCTATA.

*Ranghana punctata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 12.  
Descr. Ind. Lep. Atk. i, p. 30 (1879).  
Calcutta.

Genus **Tegulata**.

## 607. TEGULATA BASISTRIGA.

*Tegulata basistriga*, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 5.  
Descr. Ind. Lep. Atk. i, p. 31, (1879).  
Lep. Ceyl. ii, p. 58, pl. 102, fig. 3, (1882).  
Ceylon.

## 608. TEGULATA PROTUBERANS.

*Tegulata protuberans*, Moore, Proc. Zool. Soc. Lond. 1878, p. 23, pl. 2, fig. 6.  
Descr. Ind. Lep. Atk. i, p. 31, (1879).  
Darjiling.

Genus **Nishada**.

## 609. NISHADA FLABRIFERA.

*Nishada flabrifera*, Moore, Proc. Zool. Soc. Lond. 1878, p. 23.  
Descr. Ind. Lep. Atk. i, p. 32, (1879).  
Calcutta.

Genus **Teulisna**.

## 610. TEULISNA SORDIDA.

*Teulisna sordida*, Butler, Ill. Typ. [Lep. Het. B. M. v, p. 39, pl. 86, fig. 15,  
(1881).  
Darjiling.

## 611. TEULISNA TENUISIGNA.

*Teulisna tenuisigna*, Moore, Proc. Zool. Soc. Lond. 1878, p. 24, pl. 2, fig. 13.  
Sikkim.



## 612. TEULISNA TETRAGONA.

*Lithosia tetragona*, Walker, Cat. Lep. Het. B. M. 2, p. 510, (1854).*Teulisna tetragona*, Butler, Trans. Ent. Soc. Lond. 1877, p. 355.

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*Ill. Typ. Lep. Het. B. M. v, p. 39, pl. 86, fig. 14, (1881).*

Sylhet.

Genus **Gandhara**.

## 613. GANDHARA SERVA.

*Lithosia serva*, Walker, Cat. Lep. Het. B. M. ii, p. 506, (1854).

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Butler, Trans. Ent. Soc. Lond. 1877, p. 350.*Gandhara serva*, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 7.

I. M., Kulu (purchased).

Also recorded from Darjiling and Nepal.

Genus **Simareea**.

## 614. SIMAREEA BASINOTA.

*Lithosia basinota*, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

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Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).*Cenistis basinota*, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.*Simareea basinota*, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, pl. 1, fig. 16.

Collection Swinhoe, Darjiling.

Genus **Churinga**.

## 615. CHURINGA BEEMA.

*Lithosia beema*, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

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Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).*Crambomorpha beema*, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.*Churinga beema*, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

## 616. CHURINGA RUFIFRONS.

*Churinga rufifrons*, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 1

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Descr. Ind. Lep. Atk. i, p. 25, (1879).

Darjiling.

Genus **Lithosia**.

## 617. LITHOSIA COLON.

*Lithosia colon*, Moschler, Stett. Ent. Zeit. 1872, p. 353.

Sylhet.

## 618. LITHOSIA CONFORMIS.

*Lithosia conformis*, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).

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Butler, Trans. Ent. Soc. Lond. 1877, p. 352.

N. India.



## 619. LITHOSIA DISJUNCTA.

*Lithosia disjuncta*, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.  
Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).  
 Darjiling.

Genus **Zadadra**.

## 620. ZADADRA DISTORTA.

*Lithosia distorta*, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.  
*Zadadra distorta*, Moore, loc. cit. 1878, p. 25, pl. 2, fig. 15.  
 Darjiling.

Genus **Prabhasa**.

## 621. PRABHASA FLAVICOSTA.

*Prabhasa flavicosta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 17.  
Descr. Ind. Lep. Atk. i, p. 33, (1879).  
 Cherrapunji.

## 622. PRABHASA VENOSA.

*Prabhasa venosa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 16.  
Descr. Ind. Lep. Atk. i, p. 32, (1879).  
 Collection Swinhoe, Darjiling.

Genus **Gampola**.

## 623. GAMPOLA FASCIATA.

*Gampola fasciata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 2, fig. 18.  
Lep. Ceyl. ii, p. 58, pl. 102, figs. 4, 4a, (1882).  
 Collection Swinhoe, Ceylon.

Genus **Brunia**.

## 624. BRUNIA ANTICA.

*Lithosia antica*, Walker, Cat. Lep. Het. B. M. ii, p. 505, (1854).  
Moore, Proc. Zool. Soc. Lond. 1877, p. 597.  
Butler, Trans. Ent. Soc. Lond. 1877, p. 349.  
*Brunia antica*, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 9.  
Lep. Ceyl. ii, p. 56, pl. 101, fig. 3, (1882).  
 Collection Swinhoe, Ceylon.  
 Also recorded from the Andaman Is.

## 625. BRUNIA CHOTA.

*Brunia chota*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 11,  
 Collection Swinhoe, Poona.

Genus **Chrysorabdia**.

## 626. CHRYSORABDIA BIVITTA.

*Lithosia bivitta*, Walker, Cat. Lep. Het. B. M. vii, p. 1682, (1856).  
 India.



## 627. CHRYSORABDIA STRIGATA.

*Gnophria* (*Enistis*) *strigata*, Möschler, Stett. Ent. Zeit. 1872, p. 353.  
*Chrysorabdia strigata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 358.

I. M., Sikkim.

Also recorded from Sylhet.

## 628. CHRYSORABDIA VIRIDATA.

*Lithosia* (*Macrobrochis*) *viridata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 225, (1864); and xxxv, p. 1882, (1866).

*Chrysorabdia viridata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.

Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 1.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Genus *Atolmis*.

## 629. ATOLMIS QUADRIMACULATA.

*Gnophria quadrimaculata*, Möschler, Stett. Ent. Zeit. 1872, p. 352.  
 Sylhet.

Genus *Hypoprepia*.

## 630. HYPOPREPIA (?) HÆMATOPUS.

*Hypoprepia* (?) *hæmatopus*, Felder, Reise Novara, Lep, pl. 193, figs. 54, 55, (1864-75).  
 Assam.

Genus *Grotea*.

## 631. GROTEA ELEGANS.

*Grotea elegans*, Moore, Proc. Zool. Soc. Lond. 1865, p. 797, pl. 43, fig. 1.  
 Walker, Cat. Lep. Het. B. M. xxxv, p. 1888, (1866).

Darjiling.

Genus *Miltochrista*.

## 632. MILTOCHRISTA STRAMINEA.

*Miltochrista straminea*, Walker, Cat. Lep. Het. B. M. vii, p. 1685, (1856).  
 India.

## 633. MILTOCHRISTA TESSELLATA.

*Miltochrista tessellata*, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12.  
 Darjiling.

Genus *Cydosia*.

## 634. CYDOSIA PUNCTELLA.

*Tinea punctella*, Cramer, Pap. Exot. iv, pl. 372, fig. L, (1781).  
*Crameria subtilis*, Hubn., Verz. Bek. Schmett, p. 168, (1816).  
*Cydosia punctella*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1894, (1866).  
 Himalayas, Brazil.

Genus *Charilina*.

## 635. CHARILINA INO.

*Phalæna ino*, Drury, Exot. Ins. iii, p. 39, pl. 29, fig. 3, (1782).  
*Lithosia ino*, Westw., Ed. Drury, iii, p. 40, pl. 29, fig. 3, (1837). \*  
*Charilina ino*, Walker, Cat. Lep. Het. B. M. ii, p. 561, (1854).  
 Madras.



Genus **Sesapa**.636. **SESAPA ANDAMANA**.

*Sesapa andamana*, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.

Butler, Trans. Ent. Soc. Lond. 1877, p. 345.

I. M., Andaman Is. (purchased).

Collection Swinhoe, Andamans.

637. **SESAPA DECURRENS**.

*Sesapa decurrens*, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).

I. M., a doubtful specimen with no history.

Recorded from Darjiling.

Allied to *S. excurrens*.

638. **SESAPA EXCURRENS**.

*Sesapa excurrens*, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).

Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

Butler, Trans. Ent. Soc. Lond. 1877, p. 344.

Collection Swinhoe, Khasi Hills, Sikkim.

Also recorded from Cherrapunji.

639. **SESAPA UNDULOSA**.

*Cyllene undulosa*, Walker, Cat. Lep. Het. B. M. ii, p. 545, (1854).

*Lyclene undulosa*, Walker, loc. cit. xxxi, p. 246, (1864).

*Sesapa undulosa*, Butler, Trans. Ent. Soc. Lond. 1877, p. 344.

Moulmein.

Genus **Ræselia**.640. **RÆSELIA PASCUA**.

*Ræselia pascua*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 6.

Collection Swinhoe, Bombay, Poona.

Genus **Padenia**.641. **PADENIA TRANSVERSA**.

*Cyllene transversa*, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).

*Lyclene transversa*, Walker, loc. cit. xxxi, p. 246, (1864).

*Lithosia bifasciata*, Felder, Reise Novara Lep., pl. 106, fig. 11, (1864-75).

*Pallene transversa*, Butler, Trans. Ent. Soc. Lond. 1877, p. 333.

*Padenia transversa*, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. 1, (1882).

I. M., Andaman Is. (purchased).

Collection Swinhoe, Ceylon, Andaman Is.

Genus **Nepita**.642. **NEPITA ÆGROTA**.

*Nepita ægrota*, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

India.



643. *NEPITA ANILA*.

*Nepita anila*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 302, (1859).

———— Walker, Cat. Lep. Het. B. M. xxxi, p. 240, (1864).

———— Butler, Trans. Ent. Soc. Lond. 1877, p. 335.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

*Pitane lydia*, var. Walker (*nec* Donovan), Cat. Lep. Het. B. M. ii, p. 532, (1854).

Collection Swinhoe, Belgaum, Poona, Bombay.

Also recorded from Bengal.

644. *NEPITA CONFERTA*.

*Pitane conferta*, Walker, Cat. Lep. Het. B. M. ii, p. 533, (1854).

*Nepita conferta*, Walker, *loc. cit.* xxxi, p. 240, (1864).

———— Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

———— Moore, Lep. Ceyl. ii, p. 66, pl. 104, figs. 7, 7a, 7b, 7c, 7d, (1882).

*Nepita signata*, Walker, *loc. cit.* xxxi, p. 240, (1864).

I. M., Poona (Murray).

Collection Swinhoe, Ceylon.

645. *NEPITA FRIGIDA*.

*Doliche frigida*, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854).

*Nepita frigida*, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Moulmein, Sarawak.

646. *NEPITA HILARIS*.

*Doliche hilaris*, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854).

*Nepita hilaris*, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

*Adites hilaris*, Moore, Lep. Ceyl. ii, p. 61, pl. 104, fig. 6, (1882).

Collection Swinhoe, Ceylon.

647. *NEPITA LIMBATA*.

*Nepita limbata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

N. India.

648. *NEPITA OCHRACEA*.

*Nepita ochracea*, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

S. India.

649. *NEPITA SEMIFASCIA*.

*Setina semifascia*, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).

*Nepita semifascia*, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

*Lyclene semifascia*, Moore, Lep. Ceyl. ii, p. 63, pl. 103, fig. 7, (1882).

Collection Swinhoe, Bombay, Khandalla.

Also recorded from Ceylon.

Genus *Setina*.650. *SETINA DHARMA*.

*Setina dharmia*, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

N.-W. Himalayas.

Part II.



651. *SETINA DISCISIGNA*.

*Setina discisigna*, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.  
 \_\_\_\_\_ Descr. Ind. Lep. Atk. i, p. 37, (1879).

Cherra.

652. *SETINA NEBULOSA*.

*Setina nebulosa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.  
 \_\_\_\_\_ Descr. Ind. Lep. Atk. i, p. 37, (1879).

Darjiling.

653. *SETINA PUNCTILINEA*.

*Setina punctilinea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.  
 \_\_\_\_\_ Lep. Ceyl. ii, p. 64, pl. 103, fig. 9, (1882).

Ceylon.

Genus **Doliche**.

654. *DOLICHE GELIDA*.

*Doliche gelida*, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).  
 \_\_\_\_\_ Butler, Trans. Ent. Soc. Lond. 1877, p. 337.  
 \_\_\_\_\_ Ill. Typ. Lep. Het. B. M. v, p. 36, pl. 86, fig. 6,  
 (1881).

I. M., Sikkim (deNiceville).

Also recorded from Sylhet.

Genus **Cyana**.

655. *CYANA DETRITA*.

*Cyana detrita*, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).  
 \_\_\_\_\_ Butler, Trans. Ent. Soc. Lond. 1877, p. 337.  
 \_\_\_\_\_ Ill. Typ. Lep. Het. B. M. v, p. 37, pl. 86, fig. 9, (1881).

I. M., Sikkim, Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Sylhet.

Genus **Bizone**.

656. *BIZONE ALBOROSEA*.

*Lithosia (Macrobrochis) alborosea*, Walker, Cat. Lep. Het. B. M. xxxi, p.  
 230, (1864).

*Bizone alborosea*, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

N. India.

657. *BIZONE AMABILIS*.

*Bizone amabilis*, Moore, Proc. Zool. Soc. Lond. 1877, p. 597, pl. 59, fig. 2.  
 \_\_\_\_\_ Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Andaman Is.

658. *BIZONE ARAMA*.

*Bizone arama*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 306, pl. 7a, fig. 10, (1859).  
 \_\_\_\_\_ Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Cherra.

Also recorded from Darjiling.



## 659. BIZONE BELLISSIMA.

*Bizone bellissima*, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 3, fig. 13.  
Mussooree.

## 660. BIZONE BIANCA.

*Bizone bianca*, Walker, Cat. Lep. Het. vii, p. 1684, (1856).  
——— Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Andaman Is. (purchased),  
Sikkim.

## 661. BIZONE COCCINEA.

*Bizone coccinea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 14.  
I. M., Sikkim (purchased).

## 662. BIZONE DIVAKARA.

*Barsine divakara*, Moore, Proc. Zool. Soc. Lond. 1865, p. 798, pl. 43, fig. 9.  
*Bizone divakara*, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.  
Collection Swinhoe, Darjiling.

## 663. BIZONE EFFRACTA.

*Barsine effracta*, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854).  
*Bizone effracta*, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.  
Nepal.

## 664. BIZONE FASCICULATA.

*Bizone fasciculata*, Walker, Cat. Lep. Het. vii, p. 1684, (1856).  
*Bizone adita*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 306, pl. 7a, fig. 11, (1859).  
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.  
I. M., Kulu (purchased), N. Khasi, Sikkim.  
Collection Swinhoe, Darjiling.  
Allied to *B. signa*.

## 665. BIZONE GAZELLA.

*Bizone gazella*, Moore, Proc. Zool. Soc. Lond. 1872, p. 572, pl. 33, fig. 4.  
I. M., Sikkim (purchased).  
Collection Swinhoe, Dharmasala.  
Also recorded from Mussooree.

## 666. BIZONE GUTTIFERA.

*Bizone guttifera*, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).  
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.  
I. M., Andaman Is., var. (purchased).  
Collection Swinhoe, Darjiling, Matheran, Khandalla.  
Also recorded from Landaur.



667. *BIZONE PALLENS*.

*Bizone pallens*, Butler, Trans. Ent. Soc. Lond. 1877, p. 338.  
 ————— Ill. Typ. Lep. Het. v, p. 36, pl. 86, fig. 7, (1881).

I. M., Sikkim.

Also recorded from Moulmein and Sylhet.

668. *BIZONE PEREGRINA*.

*Bizone peregrina*, Walker, Cat. Lep. Het. B. M. ii, p. 551, (1854).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Ceylon, S. India, Sylhet, Nepal, and Hong-kong.

669. *BIZONE PERORNATA*.

*Bizone perornata*, Walker, Cat. Lep. Het. B. M. ii, p. 548, (1854).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.  
 ————— Ill. Typ. Lep. Het. v, p. 37, pl. 86, fig. 8, (1881).

I. M., Sibsagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet, Sarawak, and Java.

670. *BIZONE PUELLA*.

*Phalæna puella*, Drury, Ins. Exot. ii, p. 3, pl. 2, fig. 2, (1773).  
*Deiopeia puella*, Westw., Ed. Drury, ii, p. 3, pl. 2, fig. 2, (1837).\*  
*Bizone puella*, Walker, Cat. Lep. Het. B. M. ii, p. 549, (1854).  
 ————— Moore, Cat. Lep. Mus. E.I.C. ii, p. 305, pl. 13, figs. 13, 13a, (1859).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 338.  
 ————— Snellen, Tijd. Ent. xx, p. 7, (1877).  
 ————— Moore, Lep. Ceyl. ii, p. 60, pl. 103, figs. 3, 3a, (1882).  
 ————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 293.

I. M., Ceylon.

Collection Swinhoe, Ceylon, Bombay, Mahableshwar.

Also recorded from Nepal and Java.

671. *BIZONE QUADRINOTATA*.

*Bizone quadrinotata*, Walker, Char. Undescr. Lep. Het., p. 90, (1869).

Benares.

672. *BIZONE SIGNA*.

*Bizone signa*, Walker, Cat. Lep. B. M. ii, p. 550, (1854).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Sylhet.

673. *BIZONE SUBORNATA*.

*Bizone subornata*, Walker, Cat. Lep. Het. B. M. ii, p. 550, (1854).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.  
 ————— Moore, Lep. Ceyl. ii, p. 60, pl. 103, fig. 4, (1882).

Collection Swinhoe, North Canara.

Also recorded from Ceylon.



## 674. BIZONE TRIGUTTATA.

*Bizone triguttata*, Walker, Char. Undescr. Lep. Het., p. 89, (1869).  
Benares.

Genus *Lyclene*.

## 675. LYCLENES ARCUATA.

*Lyclene arcuata*, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 5, (1882).  
Ceylon.

## 676. LYCLENES ARTOCARPI.

*Lyclene artocarpus*, Moore, Proc. Zool. Soc. Lond. 1878, p. 30.  
Descr. Ind. Lep. Atk. i, p. 33, (1879).

Darjiling.  
Allied to *L. humilis*.

## 677. LYCLENES ASSAMICA.

*Lyclene assamica*, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 8.  
Descr. Ind. Lep. Atk. i, p. 34, (1879).

Dibrugarh, Assam.

## 678. LYCLENES CONGERENS.

*Cymella congerens*, Felder, Reise Novara Lep. iv, pl. 106, fig. 14, (1864-75).  
*Lyclene congerens*, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.  
N. India.

## 679. LYCLENES DELICATA.

*Lyclene delicata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 31.

Darjiling.  
Allied to *L. radians*.

## 680. LYCLENES DISCISTRIGA.

*Lyclene discistriga*, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.

Darjiling.

## 681. LYCLENES HUMILIS.

*Cyllene humilis*, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).

*Lyclene humilis*, Walker, loc. cit. xxxi, p. 246, (1864).  
Butler, Trans. Ent. Soc. Lond. 1877, p. 340.

Moulmein.

## 682. LYCLENES ILA.

*Lyclene ila*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 300, (1859).

Lep. Ceyl. ii, p. 63, pl. 103, fig. 6, (1882).

Ceylon, Canara.



## 683. LYCLENES INCONSPICUA.

*Lyclene inconspicua*, Moore, Proc. Zool. Soc. Lond. 1878, p. 32.  
N. India.

## 684. LYCLENES INDISTINCTA.

*Lyclene indistincta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 9.  
Descr. Ind. Lep. Atk. i, p. 34, (1879).  
Darjiling.

## 685. LYCLENES INTERSERTA.

*Lyclene interserta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 6.  
Descr. Ind. Lep. Atk. i, p. 34, (1879).  
Darjiling.

## 686. LYCLENES NUBIFASCIA.

*Barsine nubifascia*, Walker, Cat. Lep. Het. B. M. xxxi, p. 251, (1864).  
*Barsine punctifascia*, Walker, Char. Undescr. Lep. Het., p. 9, (1869).  
*Lyclene nubifascia*, Butler, Trans. Ent. Soc. Lond. 1887, p. 340.  
*Mittochrista nubifascia*, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86. fig. 11,  
(1881).  
Collection Swinhoe, Sikkim.

## 687. LYCLENES OBSOLETA.

*Lyclene obsoleta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 7.  
Descr. Ind. Lep. Atk. i, p. 33, (1879).  
I. M., Sibsagar (Peal).  
Also recorded from Darjiling.

## 688. LYCLENES PALMATA.

*Lyclene palmata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 5.  
I. M., Sibsagar (Peal).

## 689. LYCLENES PROMINENS.

*Lyclene prominens*, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 3.  
Cherra, Khasi Hills.

## 690. LYCLENES RADIANUS.

*Lyclene radians*, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 2.  
Descr. Ind. Lep. Atk. i, p. 34, (1879).  
Darjiling.

## 691. LYCLENES SPILOSOMOIDES.

*Lyclene spilosomoides*, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.  
N.-W. India.



692. *LYCLENES TERMINATA*.

*Lyclene terminata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.  
Khasi Hills.

693. *LYCLENES ZEBRINA*.

*Lyclene zebrina*, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 4.  
Calcutta.

Genus *Barsine*.694. *BARSINE COCCINEA*.

*Barsine coccinea*, Moore, Journ. As. Soc. Beng. lv, (2) 1, p. 98, (1886).  
I. M., Tavoy (Moti Ram) Type.

695. *BARSINE CONJUNCTANA*.

*Conchylis conjunctana*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788, (1866).  
*Mitochondria tessellata*, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12,  
(1881).  
*Barsine conjunctana*, Moore, Journ. As. Soc. Beng. liii (2), 3, 1884, p.  
235.

I. M.; a diminutive specimen from Cachar (Wood-Mason).  
Also recorded from Darjiling.

696. *BARSINE DEFECTA*.

*Barsine defecta*, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854), also, xxxi,  
p. 248, (1884).

————— Butler, Trans. Ent. Soc. Lond. 1877, p. 340.

*Ammatho cuneonotatus*, Walker, Cat. Lep. Het. B. M. iii, p. 759, (1855).

*Barsine cuneonotatus*, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 10, (1882).

I. M., Goalpara.

Collection Swinhoe, Sikkim.

Also recorded from Nepal and Ceylon.

697. *BARSINE FLAMMEALIS*.

*Barsine flammealis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 15.

I. M., Sikkim.

Collection Swinhoe, Darjiling, Dharmasala.

Allied to *B. mactans*.

698. *BARSINE FLAVIVENOSA*.

*Barsine flavivenosa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 18.  
————— Descr. Ind. Lep. Atk. i, p. 36, (1879).

Darjiling.

699. *BARSINE GLORIOSA*.

*Barsine gloriosa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 29, pl. 3, fig. 16,  
————— Descr. Ind. Lep. Atk. i, p. 35, (1879).

Khasi Hills.



## 700. BARSINE GRATIOSA.

*Euchelia gratiosa*, Guer., Voy. Deless. Hist. Nat., p. 90 pl. 26, fig. 1, ( ).  
*Deiopeia gratiosa*, Walker, Cat. Lep. Het. B. M. ii, p. 573, (1854).

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim  
 (purchased).

Also recorded from the Nilgiri Hills.

## 701. BARSINE INFLEXA.

*Barsine inflexa*, Moore, Proc. Zool. Soc. Lond., 1878, p. 29, pl. 3, fig. 17.  
 ———— Descr. Ind. Lep. Atk. 1, p. 35, (1879).

Darjiling.

## 702. BARSINE LINGA.

*Barsine linga*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 301, (1859).  
 ———— Walker, Cat. Lep. Het. B. M. xxxi, p. 249, (1864).

I. M., Sikkim (Asiatic Soc. Bengal).  
 Collection Swinhoe, Simla, Sikkim.

## 703. BARSINE MACTANS.

*Barsine mactans*, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.  
*Miltochrista mactans*, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 13,  
 (1881).

Collection Swinhoe, Darjiling.

## 704. BARSINE PRETIOSA.

*Barsine pretiosa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.  
 N.-W. Himalayas.  
 Allied to *B. gratiosa*.

## 705. BARSINE PUNICEA.

*Barsine punicea*, Moore, Proc. Zool. Soc. Lond., 1878, p. 29.  
 ———— Descr. Ind. Lep. Atk. i, p. 36, (1879).

Darjiling.

## 706. BARSINE RUBRICOSA.

*Lyclene rubricosa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 1.  
*Barsine rubricosa*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Collection Swinhoe, Bombay, Khandalla.

## 707. BARSINE SUFFUNDENS.

*Barsine suffundens*, Walker, Cat. Lep. Het. B. M. xxxi, p. 250, (1864).  
 S. India.

## 708. BARSINE TRIPARTITA.

*Barsine tripartita*, Walker, Cat. Lep. Het. B. M. xxxi, p. 250, (1864).  
 India.



## 709. BARSINE TRIVITTATA.

*Barsine trivittata*, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 341.

I. M., Andaman Is. (purchased).  
 Collection Swinhoe, Andamans.

Genus *Æmene*.710. *ÆMENE* GUTTULOSANA.

*Tospitis guttulosana*, Walker, Cat. Lep. Het. B. M. xxviii, p. 429, (1863).  
*Æmene guttulosana*, Butler, Trans. Ent. Soc. Lond. 1877, p. 373.  
 ————— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 3, (1882).

I. M., a specimen with no history.  
 Collection Swinhoe, N. India.  
 Also recorded from S. India and Ceylon.

711. *ÆMENE* MACULIFASCIA.

*Æmene maculifascia*, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3,  
 fig. 10.  
 ————— Descr. Ind. Lep. Atk. i, p. 36, (1872).

Darjiling.

712. *ÆMENE* SINUATA.

*Æmene sinuata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 34, pl. 3, fig. 11.  
 ————— Descr. Ind. Lep. Atk. i, p. 36, (1879).

Cherrapunji.

713. *ÆMENE* SORDIDA.

*Æmene sordida*, Butler, Trans. Ent. Soc. Lond. 1877, p. 372.  
 ————— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 4, (1882).

S. India, Ceylon.

714. *ÆMENE* SUBCINEREA.

*Æmene subcinerea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.  
 Collection Swinhoe, Simla.  
 Allied to *Æ. taprobanis*.

715. *ÆMENE* TAPROBANIS.

*Æmene taprobanis*, Walker, Cat. Lep. Het. B. M. ii, p. 542, (1854); and  
 vii, p. 1683, (1856).  
 ————— Butler, Trans. Ent. Soc. Lond. 1877, p. 372.  
 ————— Moore, Lep. Ceyl. ii, p. 64, pl. 104, fig. 2, (1882).  
 ————— Swinhoe, Proc. Zool. Soc. Lond. (1885), p. 293.  
*Panassa cingalesa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 607, (1865).  
*Autoceras grammophora*, Felder, Reise Nov. Lep., pl. 106, fig. 24, (1864-75).  
 Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.



716. *ÆMENE TENEBROSA*.

*Æmene tenebrosa*, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.  
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.  
 ——— *loc. cit.* 1886, p. 437.

Collection Swinhoe, Mhow, Poona.

Also recorded from Bombay.

Allied to *A. sordida*.

Genus **Setinochroa**.

717. *SETINOCHROA AURANTIACA*.

*Setinochroa aurantiaca*, Moore, Proc. Zool. Soc. Lond. 1878, p. 35, pl. 3,  
 fig. 12.

Khasi Hills.

Allied to *S. infumata*.

718. *SETINOCHROA INFUMATA*.

*Setinochroa infumata*, Felder, Reise Novara, pl. 106, fig. 16, (1864-75).  
 Himalayas.

719. *SETINOCHROA PALLIDA*.

*Setinochroa pallida*, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.

Collection Swinhoe, Simla.

Also recorded from Manpuri.

720. *SETINOCHROA POSTICA*.

*Setinochroa postica*, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.

Dharmasala.

Genus **Paidia**.

721. *PAIDIA MARGINATA*.

*Nudaria marginata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).

*Paidia marginata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.

S. India.

Genus **Nudaria**.

722. *NUDARIA FASCIATA*.

*Nudaria fasciata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.

Darjiling.

Allied to *N. margaritacea*.

723. *NUDARIA FLOCCOSA*.

*Nudaria floccosa*, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).

——— Butler, Trans. Ent. Soc. Lond. 1877, p. 370.

S. India.

724. *NUDARIA MARGARITACEA*.

*Nudaria margaritacea*, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).

——— Butler, Trans. Ent. Soc. Lond. 1878, p. 370.

Collection Swinhoe, Sikkim.



## 725. NUDARIA MARGARITARIA.

*Nudaria margaritaria*, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).  
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Sikkim.

## 726. NUDARIA SOLITA.

*Setina solita*, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).  
 ——— Moore, Lep. Ceyl. ii, p. 64, pl. 103, fig. 8, (1882).

*Nudaria solita*, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.

Ceylon.

## 727. NUDARIA SUBCERVINA.

*Nudaria subcervina*, Walker, Cat. Lep. Het. xxxi, p. 274, (1864).  
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

India.

Genus **Nola**.

## 728. NOLA CINGALESA.

*Nola cingalesa*, Moore, Lep. Ceyl. ii, p. 66, pl. 104, fig. 1, (1882).

Ceylon.

Genus **Castabala**.

## 729. CASTABALA ROSEATA.

*Castabala roseata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 271, (1864).

————— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.

————— Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 1, (1881).

Darjiling, Barrackpur.

Genus **Callimorpha**.

## 730. CALLIMORPHA VENUS.

*Callimorpha venus*, Prittwitz, Stett. Ent. Zeit. 1867, p. 274 ; and 1868, p. 185.

Himalayas.

Genus **Chionæma**.

## 731. CHIONÆMA CANDIDA.

*Chionæma candida*, Felder, Reise Novara, pl. 106, fig. 17, (1864-75).

I. M., Kulu.

Also recorded from the Himalayas.

Genus **Adrepsa**.

## 732. ADREPSA STILBIOIDES.

*Adrepsa stilbioides*, Moore, Descr. Ind. Lep. Atk. i, p. 38, pl. 2, fig. 20, (1879).

Assam.



Genus *Pentacitrotus*.733. *PENTACITROTUS VULNERATUS*.

*Pentacitrotus vulneratus*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 35, pl. 86, fig. 5, (1881).

Darjiling.

Genus *Clina*.734. *CLINA LAPIDARIA*.

*Clina lapidaria*, Walker, Cat. Lep. Het. B. M. xxxi, p. 257, (1864).  
 ——— Butler, Trans. Ent. Soc. Lond. 1877, p. 359.

S. India.

Genus *Garudinia*.736. *GARUDINIA LATANA*.

*Tospitis latana*, Walker, Cat. Lep. Het. B. M. xxviii, p. 427, (1863).  
*Garudinia latana*, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. (1882).

I. M., Ceylon (Colombo Museum).

Genus *Deiopeia*.737. *DEIOPEIA CRUENTATA*.

*Deiopeia cruentata*, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86, fig. 10, (1881).

N. India, Mauritius.

738. *DEIOPEIA LOTRIX*.

*Phalæna lotrix*, Cramer, Pap. Exot. ii, pl. 109, fig. E, (1777).  
*Deiopeia lotrix*, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.  
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.  
 ——— *loc. cit.* 1886, p. 436.

I. M., Nicobar Is. (deNiceville).

Collection Swinhoe, Sind, Mhow, Poona, Nicobars, Aden.

739. *DEIOPEIA PULCHELLA*.

*Tinea pulchella*, Linn., Syst. Nat. 1, 2, 884, 349, (1767).  
*Noctua pulchra*, Esper, Schmett. iv, 570, pl. 164, figs. 3-5, (1777).\*  
*Bombyx pulchella*, Fabr., Sp. Ins. ii, 203, 142, (1781).  
*Bombyx pulchra*, Hübn., Bomb. 128, 1, pl. 26, fig. 113.\*  
*Utetheisa pulchella*, Hübn., Verz. Bek. Schmett. 168, 1733, (1816).  
 ——— Moore, Lep. Ceyl. ii, p. 67, pl. 104, fig. 5, (1882).  
*Deiopeia pulchella*, Walker, Cat. Lep. Het. B. M. ii, p. 566, (1854).  
 ——— Butler, Trans. Ent. Soc. Lond. 1877, p. 361.  
 ——— Thugwell, Ent. xi, p. 186, (1878).  
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., N. Khasi Hills (purchased), Sibsagar (Peal), Calcutta, Sikkim (Barnes), Mussooree, Kulu (purchased), Madras (purchased), Darbhanga, Chitral (Giles), Persia.

Collection Swinhoe, Nicobars, Punjab, Sikkim, Kulu, Andamans, Ceylon, Mhow, Karachi, Bombay.

Also recorded from Europe, Africa, Australia and the E. Indian Islands.



## 740. DEIOPEIA THYTER.

*Deiopeia thyter*, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.

————— Proc. Zool. Soc. Lond. 1881, p. 614.

————— Swinhoe, Pros. Zool. Soc. Lond. 1884, p. 515.

————— Trans. Ent. Soc. Lond. 1885, p. 347.

————— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Collection Swinhoe, Kandahar, Quetta, Karachi.

Also recorded from Burma and Turkey.

Genus *Argina*.

## 741. ARGINA ARGUS.

*Euprepia argus*, Kollar, Kaschmir, Von. Hügel, iv, p. 467, pl. 21, fig. 3, (1848).

*Deiopeia argus*, Walker, Cat. Lep. Het. B. M. ii, p. 571, (1854); and  
vii, p. 1686, (1856).

*Argina argus*, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 309, pl. 14, figs. 3, 3a, (1859).

————— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.

————— Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 1 a, b, c, (1882).

I. M., Sikkim (Barnes), Khasi Hills, Buxa (Moti Ram).

Collection Swinhoe, Simla, Darjiling, Buxa, Bhotan.

Also recorded from Nepal, Calcutta, S. India, and Ceylon.

## 742. ARGINA ASTREA.

*Phalæna (Noctua) astrea*, Drury, Ill. ii, p. 11, pl. 6, fig. 3, (1773).

*Argina astrea*, Moore, Lep. Mus. E. I. C. ii, p. 308, pl. 14, figs. 2, 2a, (1859).

————— Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

————— Swinhoe, Pros. Soc. Lond. 1886, p. 436.

*Deiopeia astrea*, Walker, Cat. Lep. Het. B. M. ii, p. 570, (1854).

Collection Swinhoe, Simla, Mhow, Belgaum, Bombay, Mahableshwar, Andaman Is.

Also recorded from Ceylon and Hongkong.

## 743. ARGINA CRIBRARIA.

*Phalæna cribraria*, Clerck, Icon. Ins. ii, pl. 54, fig. 4, (1759-64).\*

*Phalæna (Geometra) cribraria*, Cramer, Pap. Exot. iii, pl. 208, fig. G, (1779).

*Argina cribraria*, Aurivillius, Kongl. Sv. Vet. Akad. Handl. xix, 5, p. 181, (1882).

————— Moore, Lep. Ceyl. ii, p. 68, pl. 106, figs. 1, 1a, (1882).

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 156.

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., Calcutta, Sylhet, Sikkim (purchased), Goalpara, Delhi (Thomas), Ratnagiri (Hatch), Mergui (Anderson), Andaman Is. (De Roepstorff), Ceylon (Colombo Museum), Nicobar Is. (deNiceville).

Collection Swinhoe, Andamans, Mirzapore, and Mhow.

Also recorded from China, Rodriguez, and Mauritius.



## 744. ARGINA DULCIS.

*Deiopeia dulcis*, Walker, Cat. Lep. Het. B. M. ii, p. 569, (1854).  
*Phalæna cribraria*, var. ♀ Cramer, Pap. Exot. iii, pl. 288, fig. D,  
 (1780).

*Argina dulcis*, Butler, Trans. Ent. Soc. Lond. 1877, p. 364.  
 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Poona, Bombay, Satara, Belgaum.

## 745. ARGINA GUTTATA.

*Xanthestes guttata*, Rambur, Faune de l'Andalousie, ii, p. 229, (1866).  
*Phalæna cribraria*, ♂, Cramer (*nec* Clerck), Pap. Exot. iii, pl. 208, fig. C,  
 (1779).

*Argina guttata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.  
 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay.

Also recorded from Nepal, Ceylon, and Mauritius.

## 746. ARGINA NOTATA.

*Argina notata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.  
 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.  
 — Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Mhow, Bombay, Belgaum, Nilgiris.

## 747. ARGINA PARDALINA.

*Deiopeia pardalina*, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).  
*Argina pardalina*, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.  
 Moulmein, Cambodia.

## 748. ARGINA PYLOTIS.

*Bombyx pylotis*, Fabr., Syst. Ent., p. 585, (1775).  
*Hypocrita pylotis*, Hübn., Samml. Exot. Schmett. i, pl. 189, figs. 1-4.\*  
*Argina pylotes*, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Collection Swinhoe, N. India (from British Museum).

Also recorded from Ceylon.

## 749. ARGINA SYRINGA.

*Phalæna syringa*, Cramer, Pap. Exot. i, pl. v, fig. C, (1775).  
*Bombyx crotalariae*, Fabr., Ent. Syst. iii, i, p. 473, 204, (1793).  
*Argina crotalariae*, Hübn., Verz. Bek. Schmett. p. 167, 1730, (1816).  
*Deiopeia syringa*, Walker, Cat. Lep. Het. B. M. ii, p. 572, (1854).  
*Argina syringa*, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.  
 — Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 2, 2a, 2b, 2c, (1882).  
 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Mahableshwar, Belgaum, Ceylon.

Also recorded from Australia.

Genus **Tatargyna**.

## 750. TATARGYNA PICTA.

*Deiopeia picta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).  
*Tatargyna picta*, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.

Moulmein, S. China.



## FAMILY ARCTIIDÆ.

Genus *Arctia*.

## 751. ARCTIA ORIENTALIS.

*Arctia orientalis*, Moore, Ann. Mag. N. H. (5), i, p. 230, (1878).  
 2nd Yarkand Mission Lep., p. 7, (1879).

I. M., Yarkand, Type, (2nd Mission).

Collection Swinhoe, Kashmir.

Also recorded from Allahabad.

## 752. ARCTIA PARVULA.

*Arctia parvula*, Felder, Reise Novara Lep., pl. 100, fig. 24, (1864-75).

Himalayas.

## 753. ARCTIA SUTTADRA.

*Arctia suttadra*, Moore, Proc. Zool. Soc. Lond. 1879, p. 395.

Collection Swinhoe, Kulu.

Also recorded from Kashmir.

## 754. ARCTIA THIBETICA.

*Arctia thibetica*, Felder, Reise Novara Lep., pl. 101, fig. 12, (1864-75).

Ladak.

Genus *Gonerda*.

## 755. GONERDA PERORNATA.

*Gonerda perornata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 395, pl. 32, fig. 2.

Kashmir.

Genus *Spirosoma*.

## 756. SPILOSOMA FUSIFRONS.

*Spirosoma fusifrons*, Walker, Cat. Lep. Het. B. M. xxxi, p. 295, (1864).

S. India.

## 757. SPILOSOMA MONA.

*Spirosoma mona*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295, pl. 20, figs. 3-4.

Collection Swinhoe, Mahableshwar.

## 758. SPILOSOMA PUNCTATA.

*Spirosoma punctata*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 355, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

Sikkim, Java.

## 759. SPILOSOMA RUBESCENS.

*Spirosoma rubescens*, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).

*Arctia rubescens*, Butler, Cist. Ent. ii, p. 21, (1875).

Borneo, E. Indies.



760. *SPILOSOMA SANGUINALIS*.

*Spilosoma sanguinalis*, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.  
 ——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

I. M., Shillong.

Also recorded from Darjiling.

Genus *Phissama*.761. *PHISSAMA ALBISTRIGA*.

*Aloa albistriga*, Walker, Cat. Lep. Het. B. M. xxxi, p. 303, (1864).

*Phissama albistriga*, Butler, Cist. Ent. ii, p. 36, (1875).

S. India.

762. *PHISSAMA TRANSIENS*.

*Spilosoma transiens*, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).

*Aloa isabellina*, Walker, loc. cit., p. 705, (1855).

*Phissama transiens*, Walker, loc. cit. xxxi, p. 298, (1864).

———— Butler, Cist. Ent. ii, p. 36, (1875).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Sibsagar (Peal), Calcutta (bred in Museum), Kulu (purchased), Sikkim (DeNiceville).

Collection Swinhoe, Belgaum, Buxar.

Also recorded from Sylhet, Moulmein, Celebes, Sarawak.

763. *PHISSAMA VACILLANS*.

*Amphissa vacillans*, Walker, Cat. Lep. Het. B. M. iii, p. 685 (1855); also vii, p. 1786, (1856).

*Aloa vacillans*, Walker, loc. cit., vii, 1702, (1856).

*Phissama vacillans*, Walker, loc. cit. xxxi, p. 298, (1864).

I. M., Kulu (purchased), Sibsagar (Peal), Calcutta (bred in the Museum).

Collection Swinhoe, Simla.

Also recorded from Hongkong and the Philippine Is.

Genus *Rhodogastria*.764. *RHODOGASTRIA ASTRÆA*.

*Sphinx astreus*, Drury, Ins. ii, pl. 28, fig. 4, (1773).

*Phalæna melanthus*, Cramer, Pap. Exot. iii, pl. 286, fig. B. (1780).

*Rhodogastria melanthus*, Hübn., Verz. Bek. Schmett, p. 172, (1816).

*Amerila melanthus*, Walker, Cat. Lep. Het. B. M. iii, p. 727, (1855).

*Amerila astræa*, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

*Rhodogastria astræa*, Moore, Lep. Ceyl. ii, p. 76, pl. 108, figs. 1, 1a, (1882).

I. M., Cachar (Wood-Mason).

Also recorded from Ceylon.

765. *RHODOGASTRIA FRATERNA*.

*Rhodogastra* (sic) *fraterna*, Moore, Trans. Ent. Soc. Lond. 1884, p. 356.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay, Poona.



## 766. RHODOGASTRIA RHODOPA.

*Amerila rhodopa*, Walker, Cat. Lep. Het. B. M. xxxi, p. 305, (1864).

I. M., Sikkim (purchased), Naga Hills.

Collection Swinhoe; India.

Also recorded from S. India.

Genus **Carcinopyga**.

## 767. CARCINOPYGA LICHENIGERA.

*Carcinopyga lichenigera*, Felder, Reise Novara Lep., pl. 101, fig. 3, (1864-75).  
Ladak.

Genus **Thyrgorina**.

## 768. THYRGORINA MULTIVITTATA.

*Spilosoma multivittata*, Moore, Proc. Zool. Soc. Lond. 1865, p. 88.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).

Collection Swinhoe, Simla, Darjiling.

## 769. THYRGORINA RHODOPHILA.

*Spilosoma rhodophila*, Walker, Cat. Lep. Het. B. M. xxxi, p. 294, (1864); also  
xxxv; p. 1906, (1866).

*Spilosoma rubidorsa*, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.

*Spilarctia rhodophila*, Butler, Cist. Ent. ii, p. 40, (1875).

*Icambosida rhodophila*, Butler, Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 4,  
(1881).

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Darjiling.

## 770. THYRGORINA SPILOSOMATA.

*Thyrgorina spilosomata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 318, (1864).  
S. India.

Genus **Bucea**.

## 771. BUCEA SIMPLEX.

*Savara simplex*, Walker, Cat. Lep. Het. B. M. xxxi, p. 320, (1864).

*Bucea simplex*, Walker, loc. cit. xxxv, p. 1983, (1866).

Collection Swinhoe, India.

Genus **Hyphantria**.

## 772. HYPHANTRIA UNIFASCIA.

*Andala unifascia*, Walker, Cat. Lep. Het. B. M. iii, p. 774, (1855).

I. M., Kulu (purchased).

Collection Swinhoe, Simla, Kulu.



Genus **Tinolius**.773. **TINOLIUS EBURNEIGUTTA**.

*Tinolius eburneigutta*, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).  
Moore, Lep. Ceyl. iii, p. 185, pl. 171, figs. 10, 10a,  
 (1885).

*Tinoleus* (sic) *eburneigutta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 851.

I. M., (?) Sikkim.

Collection Swinhoe, Ceylon.

Also recorded from (?) Sylhet, Malabar Coast, Tenasserim.

Genus **Pharetra**.774. **PHARETRA CONSANGUIS**.

*Acronycta consanguis*, Butler, Ann. Mag. N. H. (5), iv, p. 358, (1879).  
*Pharetra consanguis*, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Kasauli.

Also recorded from Japan.

Genus **Pangora**.775. **PANGORA DISTORTA**.

*Pangora distorta*, Moore, Descr. Ind. Lep. Atk. i, p. 42, pl. ii, fig. 14, (1879).  
 Mussooree, Simla.

776. **PANGORA EROSA**.

*Aloa erosa*, Walker, Cat. Lep. Het. B. M. iii, p. 708, (1855).  
*Pangora erosa*, Moore, Lep. Ceyl. ii, p. 72, pl. 107, figs. 1, 1a, 1b, (1882).  
 Ceylon.

777. **PANGORA MATHERANA**.

*Pangora matherana*, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.  
Waterhouse, Aid. ii, pl. 131, fig. 6, (1883).  
 Collection Swinhoe, Bombay.

Genus **Alope**.778. **ALOPE CLAVATUS**.

*Alope clavatus*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.  
 Collection Swinhoe, Bombay, Mahableshwar.  
 Also recorded from Poona.

779. **ALOPE MOPSA**.

*Noctua mopsa*, Drury, Ins. iii, p. 4, pl. 3, fig. 3, (1782).  
*Callimorpha mopsa*, Westw., Ed. Drury, iii, p. 4, pl. 3, fig. 3, (1837).  
*Alope mopsa*, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).  
 Madras.

780. **ALOPE RICINI**.

*Bombyx ricini*, Fabr., Syst. Ent., p. 583, (1775).  
Ent. Syst. iii, 1, p. 473, (1793).  
*Alope ocellifera*, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).



**ALOPE RICINI, —continued.**

*Alope ricini*, Moore, Lep. Ceyl. ii, p. 70, pl. 106, figs. 2, 2a, 2c, (1882).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 395.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

————— *loc. cit.*, 1886, p. 437.

I. M., Calcutta (Jackson), Sikkim (purchased), Sibsagar (Peal), Cachar (Wood-Mason).

Collection Swinhoe, Simla, Mhow, Bombay, Poona, Ahmednagar, Satara, Ceylon.

Also recorded from Kanara, Sylhet.

**781. ALOPE SANGARIDA.**

*Phalæna sangarida*, Cramer, Pap. Exot. iv, pl. 381, fig. D, (1781).

*Alope sangarida*, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

Ceylon.

**Genus Phragmatobia.****782. PHRAGMATOBIA EXCLAMATIONIS.**

*Euprepia exclamationis*, Kollar, Kaschmir, Von Hügel, iv, p. 469, (1848).

*Phragmatobia exclamationis*, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855).

Himalayas.

**783. PHRAGMATOBIA MONTANA.**

*Arctia montana*, Guer., Voy. Deless. Hist. Nat., p. 92, pl. 26, fig. 3, (1843).

*Phragmatobia montana*, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855).

Nilgiri Hills.

**Genus Glanycus.****784. GLANYCUS INSOLITUS.**

*Glanycus insolitus*, Walker, Cat. Lep. Het. B. M. iii, p. 635, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

————— Butler, Journ. Linn. Soc. Lond. 1876, p. 431.

————— Ill. Typ. Lep. Het. v, p. 28, pl. 84, fig. 12, (1881).

Sylhet.

**785. GLANYCUS TRICOLOR.**

*Glanycus tricolor*, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).

————— Waterhouse, Aid. ii, pl. 131, fig. 1, (1883).\*

I. M., Sikkim (Dreyer).

**Genus Creatonotos.****786. CREATONOTOS CONTINUATUS.**

*Creatonotos continuatus*, Moore, Ann. Mag. N. H. 4, xx, p. 344, (1877).

————— Lep. Ceyl. ii, p. 73, pl. 108, fig. 4, (1882).

Ceylon.



## 787. CREATONOTOS INTERRUPTA.

*Phalæna interrupta*, Linn. Syst. Nat. Phal. i, v, p. 2553, 116.

———— Cramer, Pap. Exot. ii, pl. 185, fig. E, (1777).

*Bombyx francisca*, Fabr., Mant. Ins. ii, p. 131, 200, (1787).

———— Ent. Syst. iii, i, p. 480, (1793).

*Cretonotos interrupta*, Hübn., Verz. Bek. Schmett., p. 170, (1816).

———— Walker, Cat. Lep. Het. B. M. iii, p. 638, (1855).

———— Butler, Cist. Ent. ii, p. 25, (1875).

———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 362, pl. 17, figs. 1-1a, (1859).

———— Lep. Ceyl. ii, p. 73, pl. 108, fig. 5 a, (1882).

———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 5396.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

———— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Cherra, Calcutta, Cachar, Sibsagar (Peal), Nepal.

Collection Swinhoe, Burma, Ceylon, Karachi, Hyderabad, Mhow, Bombay, Ahmednagar.

Also recorded from Coromandel, Penang.

## 788. CREATONOTOS RUBRICOSTA.

*Cretonotus* (sic) *rubricosta*, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.

*Aloa rubricosta*, Butler, Cist. Ent. ii, p. 24, (1875).

Manipuri, Bombay.

Genus **Rajendra**.

## 789. RAJENDRA BIGUTTATA.

*Aloa biguttata*, Walker, Cat. Lep. Het. B. M. iii, p. 707, (1855).

*Rajendra biguttata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

I.M., Sikkim.

Collection Swinhoe, Nilgiri Hills, Belgaum, Bombay, Khandalla.

Also recorded from Kanara.

## 790. RAJENDRA IRREGULARIS.

*Rajendra irregularis*, Moore, Lep. Ceyl. ii, p. 72, pl. 107, fig. 2, (1882).

Ceylon.

## 791. RAJENDRA KHANDALLA.

*Aloa khandalla*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 361, pl. 9a, fig. 13, (1859).

*Rajendra khandalla*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Collection Swinhoe, Bombay.

Also recorded from Kanara and Khandalla.

## 792. RAJENDRA LATIVITTA.

*Spilosoma lativitta*, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

*Spilarctia lativitta*, Butler, Cist. Ent. ii, p. 40, (1875).

*Rajendra lativitta*, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

———— Descr. Ind. Lep. Atk. i, p. 43, (1879).

Darjiling, Parisnath.

Allied to *R. biguttata*.



793. *RAJENDRA NIGRICANS*.*Aloa nigricans*, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.*Rajendra nigricans*, Moore, loc. cit. 1879, p. 396.

Bombay, Deccan.

794. *RAJENDRA PANNOSA*.*Rajendra pannosa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 397, pl. 32, fig. 8.

N.-W. Himalayas.

I. M., Kulu (Young).

795. *RAJENDRA SIPAHI*.*Aloa sipahi*, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.*Rajendra sipahi*, Moore, loc. cit. 1879, p. 396.

Bombay, Madras.

796. *RAJENDRA TRIPARTITA*.*Aloa tripartita*, Walker, Cat. Lep. Het. B. M. iii, p. 706, (1855).*Rajendra tripartita*, Butler, Ill. Typ. Lep. Het. v, p. 35, pl. 86, fig. 4, (1881).

I. M., Sibsagar (Peal).

Collection Swinhoe, Rangoon.

797. *RAJENDRA VITTATA*.*Rajendra vittata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 396, pl. 32, fig. 12.

Lower Burma.

Genus *Hypercompa*.798. *HYPERCOMPA ARGUS*.*Hypercompa argus*, Walker, Trans. Ent. Soc. Lond. (3) i, p. 73, (1862-64).

————— Cat. Lep. Het. B. M. xxxi, p. 285, (1864).

India.

799. *HYPERCOMPA EQUITALIS*.*Euprepia equitalis*, Kollar, Kaschmir, Von Hügel, p. 465, 2, pl. 20, fig. 3, (1848).*Hypercompa equitalis*, Walker, Cat. Lep. Het. B. M. iii, p. 654, (1855).

I. M., Sikkim (Barnes).

Collection Swinhoe, Simla, Sikkim, Khasi Hills.

Also recorded from Mussooree, Nepal.

800. *HYPERCOMPA FLAVICOLOR*.*Hypercompa flavicolor*, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.

Simla.

801. *HYPERCOMPA IMPLETA*.*Hypercompa impleta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 286, (1864).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

India.



## 802. HYPERCOMPA LEOPARDINA.

*Euprepia leopardina*, Kollar, Kaschmir, Von Hügel, iv, p. 467, pl. 21, fig. 2, (1848).

*Hypercompa leopardina*, Walker, Cat. Lep. Het. B. M. iii, p. 656, (1855).  
Himalayas.

## 803. HYPERCOMPA LONGIPENNIS.

*Hypercompa longipennis*, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).  
Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

## 804. HYPERCOMPA NYCTEMERATA.

*Hypercompa nyctemerata*, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).  
Collection Swinhoe, Darjiling.  
Allied to *H. equitalis*.

## 805. HYPERCOMPA PLAGIATA.

*Hypercompa plagiata*, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Butler, Ill. Typ. Lep. Het. v, p. 28, pl. 85, fig. 1, (1881):

I. M., Khasi Hills, Buxa (Moti Ram), Sibsagar, Yunan, Cherra; Punji, Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim, Sylhet.

## 806. HYPERCOMPA PRINCIPALIS.

*Euprepia principalis*, Kollar, Kaschmir, Von Hügel, iv, p. 465, pl. 20, fig. 2, (1848).

*Hypercompa principalis*, Walker, Cat. Lep. Het. B. M. iii, p. 653, (1855).  
Mussooree.

I. M., Kulu (purchased), Yarkand (2nd Mission).  
Collection Swinhoe, Pegu, Kulu.

## 807. HYPERCOMPA REGALIS.

*Hypercompa regalis*, Moore, Proc. Zool. Soc. Lond. 1872, p. 575, pl. 33, fig. 7.

Collection Swinhoe, North Kanara.  
Also recorded from North India.

## 808. HYPERCOMPA SIMILIS.

*Hypercompa similis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.

N.-W. Himalayas.  
Allied to *H. equitalis*.

Genus *Euchætes*.

## 809. EUCHÆTES SIKKIMENSIS.

*Euchætes sikkimensis*, Moore, Descr. Lep. Ind. Atk. i, p. 39, pl. 2, fig. 12, (1879).

Sikkim.



Genus **Areas**.

## 810. AREAS IMPERIALIS.

*Euprepia imperialis*, Kollar, Kaschmir, Von Hügel, iv, p. 466, pl. 21, fig. 1, (1848).

*Hypercompa imperialis*, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

*Areas imperialis*, Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Mussooree.

## 811. AREAS MELANOPSIS.

*Arctia melanopsis*, Walker, Cat. Lep. Het. B. M. xxxi, p. 280, (1864).

*Aloa callisoma*, Felder, Reise Novara Lep. iv, pl. 101, fig. 4, (1864-75).

*Areas melanopsis*, Butler, Cist. Ent. ii, p. 22, (1875).

Moore, Lep. Ceyl. ii, p. 75, pl. 108, fig. 2, (1882).

Ceylon.

## 812. AREAS ORIENTALIS.

*Areas orientalis*, Walker, Cat. Lep. Het. B. M. iii, p. 658, (1855).

Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kurseong (Wood-Masson), Sikkim (purchased), Khasi Hills (purchased), Kulu (purchased), Shillong.

Collection Swinhoe, Simla.

Also recorded from Sylhet, Sarawak, and Java.

Genus **Aloa**.

## 813. ALOA CANDIDULA,

*Aloa candidula*, Walker, Cat. Lep. Het. B. M. iii, p. 704, (1855).

Butler, Cist. Ent. ii, p. 24, (1875).

Ceylon, Nepal.

Allied to *A. punctistriga*.

## 814. ALOA COMMA.

*Aloa comma*, Walker, Cat. Lep. Het. B. M. vii, p. 1703, (1856).

India.

## 815. ALOA DIMINUTA.

*Aloa diminuta*, Walker, Cat. Lep. Het. B. M. iii, p. 705, (1855).

Butler, Cist. Ent. ii, p. 24, (1875).

Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 5, (1881).

*Spilosoma strigata*, Walker, Char. Undescr. Lep. Het, p. 10, (1869).

N. India.

## 816. ALOA EMITTENS.

*Cretonotos emittens*, Walker, Cat. Lep. Het. B. M. iii, p. 638, (1855).

*Cretonotus emittens*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).

Lep. Ceyl. ii, p. 74, pl. 108, figs. 3, 3a, 82).

*Aloa candidula*, var. Walker, loc. cit., p. 704, (1855).

*Aloa emittens*, Butler, Cist. Ent. ii, p. 24, (1875).

Proc. Zool. Soc. Lond. 1881, p. 614.



*ALOHA EMITTENS*,—*continued*.*Aloha emittens*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.*Proc. Zool. Soc. Lond. 1886, p. 437.*

I. M., Calcutta (bred in Museum), Sibsagar (Peal).

Collection Swinhoe, Mhow, Bombay, Belgaum, Poona, Satara.

Also recorded from Ceylon and Kanara.

817. *ALOHA FLORA*.*Aloha flora*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296, pl. 20, fig. 5.

Collection Swinhoe, Bombay.

818. *ALOHA LACTINEA*.*Phalæna lactinea*, Cramer, Pap. Exot. ii, pl. 133, fig. D, (1777).*Bombyx sanguinolenta*, Fabr., Ent. Syst. iii; p. 473, 206, (1793).*Lithosia sanguinolenta*, Donovan, Ins. Ind. p. 83, pl. 53, fig. 3, (1800).*Estigmene lactinea*, Hübn., Verz. Bek. Schmett., p. 184, (1816).*Aloha lactinea*, Walker, Cat. Lep. Het. B. M. iii, p. 702, (1855).*Areas lactinea*, Butler, Cist. Ent. ii, p. 22, (1875).*Aloha sanguinolenta*, Moore, Lep. Ceyl. ii, p. 74, pl. 108, figs. 6, 6a, (1882).*Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.**Proc. Zool. Soc. Lond. 1886, p. 437.*I. M., Sibsagar (Peal), Kulu (purchased), Sikkim (Atkinson),  
Khasi Hills, Shillong, Goalpara, Cachar (Wood-Mason),  
Raniganj, Chitral (Giles).Collection Swinhoe, Simla, Mhow, Ceylon, Nilgiri Hills, Bombay,  
Poona.

Also recorded from Australia, Java, and China.

819. *ALOHA MARGINATA*.*Aloha marginata*, Moore, Proc. Zool. Soc. Lond. 1883, p. 15, pl. 5, fig. 1.

Nepal.

820. *ALOHA MOOREI*.*Areas moorei*, Butler, Cist. Ent. ii, p. 23, (1875).*Ill. Typ. Lep. Het. v. p. 28, pl. 85, fig. 2, (1881).**Aloha moorei*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Collection Swinhoe, Nilgiri Hills, Bombay.

Also recorded from Almora.

821. *ALOHA PUNCTISTRIGA*.*Spilosoma punctistriga*, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855).*Aloha punctistriga*, Butler, Cist. Ent. ii, p. 24, (1875).*Ill. Typ. Lep. Het. v. p. 30, pl. 85, fig. 6, (1882).**Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.**Proc. Zool. Soc. Lond. 1886, p. 437.*

I. M., Kulu (purchased).

Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

Genus *Seirarctia*.822. *SEIRARCTIA QUADRIRAMOS*.*Euprepia quadriramosa*, Kollar, Kaschmir, Von Hügel, iv, p. 468, (1848).*Spilosoma quadriramosa*, Walker, Cat. Lep. Het. iii, p. 675, (1855); and vii  
p. 1694, (1856).



**SEIRARCTIA QUADRIRAMOS**,—*continued*.*Seirarctia quadriramosa*, Butler, Cist. Ent. ii, p. 26, (1875).*Spilarctia quadriramosa*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., specimens with no history.

Collection Swinhoe, Simla, Kulu, Cherrapunji, Naga Hills, Satara.

Genus **Alpenus**.823. **ALPENUS BISERIATUS**.*Alpenus biseriatus*, Moore, Proc. Zool. Soc. Lond. 1877, p. 596.

S. Andaman Is.

824. **ALPENUS FLAVENS**.*Alpenus flavens*, Moore, Descr. Ind. Lep. Atk. 1, p. 39, (1879).

Cherrapunji.

825. **ALPENUS MULTIGUTTATUS**.*Hypercompa multiguttata*, Walker, Cat. Lep. Het. B. M. iii, p. 657, (1855).*Alpenus multiguttatus*, Butler, Cist. Ent. ii, p. 34, (1875).

I. M., Nepal, Sikkim (purchased), Kulu (purchased).

Collection Swinhoe, Simla, Sikkim, Kulu.

826. **ALPENUS SPILOSOMOIDES**.*Deiopeia spilosomoides*, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).*Alpenus spilosomoides*, Butler, Cist. Ent. ii, p. 34, (1875).

— Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 7, (1881).

N. India.

Allied to *A. multiguttatus*.Genus **Spilarctia**.827. **SPILARCTIA ABDOMINALIS**.*Spilosoma abdominalis*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, (1859).

— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

*Spilarctia abdominalis*, Butler, Cist. Ent. ii, p. 42, (1875).

— Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 9, (1881).

Collection Swinhoe, Simla.

828. **SPILARCTIA BRUNNEA**.*Spilosoma brunnea*, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.*Spilarctia brunnea*, Butler, Cist. Ent. ii, p. 42, (1875).

Bombay.

829. **SPILARCTIA CASIGNETA**.*Euprepia casigneta*, Kollar, Kaschmir Von Hügel, iv, p. 469, (1884).*Spilosoma casigneta*, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855)*Spilarctia casigneta*, Butler, Cist. Ent. ii, p. 43, (1875).

I. M., Sibsagar (Peal).

Collection Swinhoe, Kasauli, Sikkim.

Also recorded from Mussooree.



## 830. SPILARCTIA CONFUSA.

*Spilarctia confusa*, Butler, Cist. Ent. ii, p. 42, (1875).

————— Ill. Typ. Lep. Het. v, p. 33, pl. 85, fig. 13,  
(1881).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Munipur.

Collection Swinhoe, Sikkim, Bombay.

## 831. SPILARCTIA DENTILINEA.

*Spilosoma dentilinea*, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.

Sikkim.

## 832. SPILARCTIA DISCINIGRA.

*Spilosoma discinigra*, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

*Spilarctia discinigra*, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

## 833. SPILARCTIA ERYTHROZONA.

*Euprepia erythrozona*, Kollar, Kaschmir Von Hügel, iv, p. 468, (1848).

*Spilosoma erythrozona*, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).

*Dionychopus erythrozona*, Butler, Cist. Ent. ii, p. 32, (1875).

Mussooree.

## 834. SPILARCTIA FLAVALIS.

*Spilosoma flavalis*, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

*Spilarctia flavalis*, Butler, Cist. Ent. ii, p. 39, (1875).

Darjiling.

## 835. SPILARCTIA GOPARA.

*Spilosoma gopara*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, pl. 9a, fig. 11,  
(1859).

————— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Darjiling.

## 836. SPILARCTIA HOWRA.

*Spilarctia howra*, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).

Calcutta.

## 837. SPILARCTIA INDICA.

*Arctia indica*, Guer., Voy. Deless. Hist. Nat. p. 93, (1843).

*Spilosoma indica*, Walker, Cat. Lep. Het. B. M. iii, p. 674, (1855).

*Spilarctia indica*, Butler, Cist. Ent. ii, p. 40, (1875).

Nilgiri Hills.



## 838. SPILARCTIA JUCUNDA.

*Spilarctia jucunda*, Butler, Ill. Typ. Lep. Het. v, p. 32, pl. 85, fig. 11, (1881).  
Darjiling.

## 839. SPILARCTIA LACTEATA.

*Spilarctia lacteata*, Butler, Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 10,  
(1881).  
Darjiling.

## 840. SPILARCTIA NYDIA.

*Spilarctia nydia*, Butler, Cist. Ent. ii, p. 41, (1875).  
————— Ill. Typ. Lep. Het. v, p. 32, pl. 85, fig. 12, (1881).

I. M., Sikkim (Atkinson).  
Collection Swinhoe, Darjiling.  
Also recorded from Nepal.

## 841. SPILARCTIA OBLIQUIVITTA.

*Spilarctia obliquivitta*, Moore, Descr. Ind. Lep. Atk. i, p. 40, pl. 2, fig. 26,  
(1879).  
Darjiling.

## 842. SPILARCTIA RUBILINEA.

*Spilosoma rubilinea*, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.  
————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).  
*Spilarctia rubilinea*, Butler, Cist. Ent. ii, p. 44, (1875).

I. M., Shillong.  
Collection Swinhoe, Sikkim.

## 843. SPILARCTIA RUBITINCTA.

*Spilosoma rubitincta*, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.  
*Spilarctia rubitincta*, Butler, Cist. Ent. ii, p. 43, (1875).  
Darjiling.

## 844. SPILARCTIA SORDIDA.

*Spilosoma sordida*, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.  
————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).  
*Spilarctia sordida*, Butler, Cist. Ent. ii, p. 42, (1874).  
Darjiling.

## 845. SPILARCTIA STIGMATA.

*Spilosoma stigmata*, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.  
————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).  
*Spilarctia stigmata*, Butler, Cist. Ent. ii, p. 40, (1875).

Darjiling.  
I. M., a specimen with no history.



## 846. SPILARCTIA SUBFASCIA.

*Spilosoma subfascia*, Walker, Cat. Lep. Het. B. M. iii, p. 678, (1855).

*Spilarctia subfascia*, Butler, Cist. Ent. ii, p. 40, (1875).

————— Moore, Lep. Ceyl. ii, p. 71, pl. 107, figs. 3, 3a, (1882).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

## 847. SPILARCTIA SUFFUSA.

*Spilosoma suffusa*, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

*Spilarctia suffusa*, Butler, Cist. Ent. ii, p. 43, (1875).

Punjab.

## 848. SPILARCTIA TODARA.

*Spilosoma todara*, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.

*Spilarctia todara*, Butler, Cist. Ent. ii, p. 42, (1875).

Nilgiri Hills.

## 849. SPILARCTIA UNIFORMIS.

*Spilarctia uniformis*, Moore, Descr. Ind. Lep. Atk. i, p. 39, (1879).

I. M., Sibsagar (Peal).

Also recorded from Calcutta.

Genus *Rhyparia*.

## 850. RHYPARIA TIGRINA.

*Rhyparia tigrina*, Moore, Proc. Zool. Soc. Lond. 1879, p. 398, pl. 32, fig. 4.

S. India.

Genus *Cycnia*.

## 851. CYCNIA RUBIDA.

*Cycnia rubida*, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).

Ceylon.

## 852. CYCNIA SPARSIGUTTA.

*Cycnia sparsigutta*, Walker, Cat. Lep. Het. xxxi, p. 296, (1864).

————— Moore, Lep. Ceyl. ii, p. 77, (1882).

I. M., Ceylon (Colombo Museum).

## 853. CYCNIA TRANSVERSA.

*Cycnia transversa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.

N.-W. India.



Genus *Challa*.854. *CHALLA BIMACULATA*.

*Challa bimaculata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.  
N.-W. Himalayas.

855. *CHALLA DISCALIS*.

*Challa discalis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 7.  
N.-W. Himalayas.

Genus *Nyaca*.856. *NYACA ABDOMINALIS*.

*Alpheia abdominalis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.  
I. M., Sikkim (purchased).

857. *NYACA DIVISA*.

*Arctia divisa*, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).  
*Ardices divisa*, Butler, Cist. Ent. ii, p. 28, (1875).  
*Nyaca divisa*, Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 2, (1881).  
I. M., N. Khasi Hills.  
Also recorded from the Himalayas.

858. *NYACA FLORESCENS*.

*Nyaca florens*, Moore, Descr. Ind. Lep. Atk. i, p. 43, pl. 2, fig. 13, (1879).  
——— Butler, Ill. Typ. Lep. Het. v, p. 34, pl. 86, fig. 3, (1881).  
I. M., Khasi Hills.  
Also recorded from Darjiling.

859. *NYACA FULVOHIRTA*.

*Alphæa fulvohirta*, Walker, Cat. Lep. Het. B. M. iii, p. 684, (1855).  
——— Butler, Cist. Ent. ii, p. 28, (1875).  
——— Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 8, (1881).  
I. M., Sikkim.  
Collection Swinhoe, Darjiling.

860. *NYACA IMBUTA*.

*Arctia imbuta*, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).  
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.  
*Pericallia imbuta*, Butler, Cist. Ent. ii, p. 29, note, (1875).  
*Nayaca* (sic) *imbuta*, Moore, Descr. Ind. Lep. Atk. i, p. 43, (1879).  
——— Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 1, (1881).  
Collection Swinhoe, Simla, Sikkim.

Genus *Ardices*.861. *ARDICES VARIA*.

*Alphæa varia*, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).  
*Ardices varia*, Butler, Cist. Ent. ii, p. 29, (1875).  
Mussooree.



Genus *Icambosida*.862. *ICAMBOSIDA NIGRIFRONS*.

*Icambosida nigrifrons*, Walker, Cat. Lep. Het. B. M. xxxii, p. 401, (1865);  
also xxxv, p. 1918, (1866).

————— Butler, Cist. Ent. ii, p. 29, (1875).

————— Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 3,  
(1881).

Collection Swinhoe, Darjiling.

863. *ICAMBOSIDA PUNCTILINEA*.

*Icambosida punctilinea*, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).

Darjiling.

Genus *Carbisa*.864. *CARBISA VENOSA*.

*Carbisa venosa*, Moore, Descr. Ind. Lep. Atk. i, p. 41, pl. 2, fig. 10, (1879).

Darjiling.

Genus *Microsemyra*.865. *MICROSEMYRA PALLIDA*.

*Microsemyra pallida*, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Mhow.

## FAMILY LIPARIDÆ.

Genus *Perina*.866. *PERINA BIPARS*.

*Perina bipars*, Walker, Cat. Lep. Het. B. M. xxxii, p. 406, (1865).

India.

867. *PERINA NUDA*.

*Bombyx nuda*, Fabr., Mant. Ins. ii, p. 117, (1787).

*Euproctis antica*, var., Walker, Cat. Lep. Het. B. M. iv, p. 835, (1855).

*Stilpnotia subtinctoria*, Walker, loc. cit., p. 843, (1855).

*Perina basalis*, Walker, loc. cit., p. 966, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, fig.  
4, (1859).

————— Proc. Zool. Soc. Lond. 1878, p. 848.

—————, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

————— Proc. Zool. Soc. Lond. 1886, p. 437.

*Euproctis combinata*, Walker, loc. cit. xxxii, p. 347, (1865).

*Perina nuda*, Moore, Lep. Ceyl. ii, p. 94, pl. 114, figs. 1, 1a, 1b, (1882).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402, pl. 14, figs. 7,  
7a, 7b, and pl. 15, figs. 6a—d.

I. M., Calcutta (de Niceville), Cachar (Wood-Mason).  
Collection Swinhoe, Belgaum, Mhow, Poona, Bombay.  
Also recorded from Ceylon, Nepal, and Hongkong.



Genus *Gynæphora*.868. *GYNÆPHORA OCULARIS*.

*Orygia ocularis*, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).  
Calcutta.

869. *GYNÆPHORA SOCRUS*.

*Gynæphora socrus*, Geyr., Zutr. iv, 12, figs. 387, 388.\*  
*Aroa substrigosa*, Walker, Cat. Lep. Het. B. M. iv, p. 794, (1855).  
Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 5, (1881).  
*Aroa socrus*, Walker, loc. cit. xxxii, p. 327, (1865).  
Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet, Java, Hongkong.

870. *GYNÆPHORA XERAMPELINA*.

*Gynæphora xerampelina*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 21, figs. 8, 9.  
Collection Swinhoe, Poona.

Genus *Repena*.871. *REPENA CERVINA*.

*Repena cervina*, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).  
E. Indies.

Genus *Orgyia*.872. *ORGYIA ALBIFASCIA*.

*Orgyia albifascia*, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).  
Moore, Journ. As. Soc. Beng. liii, 2, p. 235, (1884).

Darjiling.

873. *ORGYIA BICOLOR*.

*Orgyia bicolor*, Walker, Cat. Lep. Het. B. M. iv, p. 787, (1855).  
E. Indies.

874. *ORGYIA CEYLONICA*.

*Orgyia ceylonica*, Nietner, Obs. Enemies of Coffee in Ceylon p. 19, (1861).\*  
Moore, Lep. Ceyl. ii, p. 78, (1882).

Ceylon.

875. *ORGYIA POSTICA*.

*Lacida postica*, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).  
*Orygia* (sic) *postica*, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).  
Lep. Ceyl. ii, p. 78, pl. 109, figs. 1, 1a, 1b, (1882).

E. Indies.



## 876. ORGYIA SIMPLEX.

*Orgyia simplex*, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).  
S. India.

## 877. ORGYIA SUBFASCIA.

*Orgyia subfascia*, Moore, Proc. Zool. Soc. Lond. 1865, p. 803.  
Walker, Cat. Lep. Het. B. M. xxxv, p. 1912, (1866).  
Darjiling.

## 878. ORGYIA VIRIDESCENS.

*Acyphas viridescens*, Walker, Cat. Lep. Het. B. M. iv, p. 798, (1855).  
*Orgyia viridescens*, Moore, Lep. Ceyl. ii, p. 79, (1882).  
Ceylon.

Genus *Charnidas*.

## 879. CHARNIDAS CINNAMOMEA.

*Charnidas cinnamomea*, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).  
Pangi, Upper Kunawar, N.-W. Himalayas.  
Allied to *C. litura*.

## 880. CHARNIDAS LITURA.

*Charnidas litura*, Walker, Cat. Lep. Het. B. M. iv, p. 797, (1855).  
Moore, Proc. Zool. Soc. Lond. 1867, p. 680.  
Nepal.

## 881. CHARNIDAS OCHRACEA.

*Charnidas ochracea*, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).  
Calcutta.

## 882. CHARNIDAS PLANA.

*Orgyia plana*, Walker, Cat. Lep. Het. B. M. iv, p. 786, (1855).  
*Charnidas junctifera*, Walker, loc. cit. xxxii, p. 334, (1865).  
*Charnidas plana*, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 1, 1a, (1882).  
Collection Swinhoe, Ceylon.  
Also recorded from N. India.

## 883. CHARNIDAS ROTUNDATA.

*Lacida rotundata*, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).  
*Cyenia rubida*, Walker, loc. cit. xxxi, p. 297, (1864).  
*Lymantria disjuncta*, Walker, loc. cit. xxxii, p. 366, (1865).  
*Charnidas rotundata*, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 4, 4a, (1882).  
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.  
Collection Swinhoe, Poona, Ceylon.



## 884. CHARNIDAS SUBNOTATA.

*Lacida subnotata*, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).  
*Charnidas subnotata*, Moore, Lep. Ceyl. ii, p. 83, (1882).

Ceylon.

## 885. CHARNIDAS TESTACEA.

*Cycnia testacea*, Walker, Cat. Lep. Het. B. M. iii, p. 683, (1855).  
*Charnidas testacea*, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.  
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.  
 ————— Proc. Zool. Soc. Lond. 1886, p. 437.

Collection Swinhoe, Mhow, Bombay, Sind.

Genus *Lælioides*.

## 886. LÆLIOIDES FASCIATA.

*Lælioides fasciata*, Moore, Lep. Ceyl. ii, p. 84, pl. 110, fig. 6, (1882).  
 Ceylon.

## 887. LÆLIOIDES LACTEA.

*Lælioides lactea*, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.  
 Punjab.

## 888. LÆLIOIDES RUBRIPENNIS.

*Lælioides rubripennis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.  
 Burma.

Genus *Lælia*.

## 889. LÆLIA ANGULIFERA.

*Prorodeca* (sic) *angulifera*, Walker, Cat. Lep. Het. B. M. iv, p. 919, (1855).  
*Ricine suffusa*, Walker, loc. cit., p. 824, (1855).  
*Lælia angulifera*, Moore, Lep. Ceyl. ii, p. 83, pl. 110, figs. 5, 5a, (1882).

I. M., Sibsagar (Peal).

Also recorded from Java and Ceylon.

## 890. LÆLIA LILACINA.

*Lælia lilacina*, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.

Coonoor.

## 891. LÆLIA PALLIDA.

*Lælia pallida*, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.  
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299

Collection Swinhoe, Bombay, Karachi.

Allied to *L. angulifera*.



892. *LÆLIA VENOSA*.*Lælia venosa*, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

S. Andaman Is.

Genus *Genusa*.893. *GENUSA BIGUTTA*.*Genusa bigutta*, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).*Genusa bigutta*, Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Calcutta.

894. *GENUSA CIRCUMDATA*.*Genusa circumdata*, Walker, Cat. Lep. Het. B. M. iv, p. 819, (1855).*Lælia circumdata*, Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 7, (1881).

Collection Swinhoe, Simla, Darjiling.

895. *GENUSA COMPARATA*.*Genusa comparata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1865).*Genusa comparata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Darjiling, Cherrapunji.

Allied to *G. circumdata*.896. *GENUSA DELINEATA*.*Genusa delineata*, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).*Genusa delineata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 679.*Lælia delineata*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 50, pl. 89, fig. 8, (1881).

I. M., Yunan, Buxa (Moti Ram), Shillong, Darjiling (purchased), Naga Hills, Sibsagar, Cherrapunji, Khasi Hills.

Collection Swinhoe, Buxar, Bhootan, Sikkim.

Also recorded from Sylhet.

Allied to *G. circumdata*.897. *GENUSA DISCIFERA*.*Genusa discifera*, Walker, Char. Undescr. Lep. Het., p. 14, (1869).

Bengal.

Allied to *G. circumdata*.898. *GENUSA TERMINATA*.*Genusa terminata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1864).

India.

Genus *Derocha*.899. *DEROCA HYALINA*.*Derocha hyalina*, Walker, Cat. Lep. Het. B. M. iv, p. 823, (1855).

Himalayas.

I. M., Kulu (purchased).

Collection Swinhoe, Simla.



900. *DEROCA MACULATA*.

*Deroica maculata*, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.

I. M., Simla.

Also recorded from Mussooree.

Genus *Themaca*.901. *THEMACA COMPARATA*.

*Themaca comparata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 395, (1865).

N. India.

Genus *Artaxa*.902. *ARTAXA APICALIS*.

*Arna apicalis*, Walker, Cat. Lep. Het. B. M. vii, p. 1177, (1856).

*Artaxa apicalis*, Moore, Lep. Ceyl. ii, p. 85, pl. 111, figs. 4, 4a, 4b, (1882).

Ceylon.

903. *ARTAXA ATOMARIA*.

*Artaxa atomaria*, Walker, Cat. Lep. Het. B. M. iv, p. 796, (1855).

———— Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 2, (1881).

N. India, Moulmein.

904. *ARTAXA BASALIS*.

*Artaxa basalis*, Moore, Descr. Ind. Lep. Atk. i, p. 51, pl. 2, fig. 16, (1879).

Darjiling.

905. *ARTAXA BREVIVITTA*.

*Artaxa brevivitta*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 10.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona.

Also recorded from Bengal.

Allied to *A. howra*.

906. *ARTAXA CERVINA*.

*Artaxa cervina*, Moore, Ann. Mag. Nat. Hist. (4), xx, p. 345, (1877).

———— Lep. Ceyl. ii, p. 86, pl. 112, fig. 3, (1882).

Ceylon.

Allied to *A. varians*.

907. *ARTAXA CITRINA*.

*Artaxa citrina*, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877).

———— Lep. Ceyl. ii, p. 85, pl. 112, figs. 2, 2a, (1882).

Ceylon.



## 908. ARTAXA DIGRAMMA.

*Bombyx digramma*, Boisd., Icon. R. Anim. Ins., p. 508, pl. 86, fig. 4, (1829—38).\*

*Artaxa guttata*, Walker, Cat. Lep. Het. B. M. iv, p. 795, (1855).

*Artaxa digramma*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 350, pl. 16, figs. 5, 5a, (1859).

———— Walker. *loc. cit.* xxxii, p. 329, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

———— Lep. Ceyl. ii, p. 85, pl. 112, figs. 1, 1a, (1882).

———— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Sylhet, Nepal, Calcutta, Kanara, Burma, Ceylon, China, Java.

## 909. ARTAXA DISPERSA.

*Artaxa dispersa*, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 6, (1879).

Darjiling.

Allied to *A. subfasciata*.

## 910. ARTAXA ERECTA.

*Artaxa erecta*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 6.

Kanara.

## 911. ARTAXA FRATERNA.

*Artaxa fraterna*, Moore, Lep. Ceyl. ii, p. 85, (1882).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, Ceylon.

## 912. ARTAXA HOWRA.

*Artaxa howra*, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Calcutta.

Allied to *A. citrina*.

## 913. ARTAXA INCONCISA.

*Artaxa inconcisa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 332, (1865).

I. M., Sikkim (Atkinson).

Collection Swinhoe, Darjiling.

## 914. ARTAXA JUSTICIÆ.

*Artaxa justiciæ*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 352, pl. 16, figs. 6, 6a, (1859).

———— Walker, Cat. Lep. Het. B. M. xxxii, p. 330, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.

Allied to *A. atomaria*.



## 915. ARTAXA LIMBATA.

*Artaxa limbata*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 3, (1881).

I. M., Kulu (Purchased), Andaman Is. (purchased).  
Collection Swinhoe, Simla.  
Also recorded from Sikkim.

## 916. ARTAXA PRINCEPS.

*Artaxa princeps*, Walker, Cat. Lep. Het. B. M. xxxii, p. 331, (1865).  
N. India.

## 917. ARTAXA PUSILLA.

*Artaxa pusilla*, Moore, Lep. Ceyl. ii, p. 86, pl. 112, fig. 4, (1882).  
*Euproctis pygmæa*, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).  
————— Butler, Proc. Zool. Soc. Lond. 1883, p. 156 note.  
————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

I. M., Andaman Is. (purchased), Calcutta.  
Collection Swinhoe, Karachi, Hubb River.  
Also recorded from Ceylon.

## 918. ARTAXA SUBFASCIATA.

*Artaxa subfasciata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 332, (1865).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.  
————— Journ. As. Soc. Beng. liii, 2, 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Calcutta.  
Collection Swinhoe, Cachar.  
Also recorded from Sikkim.

## 919. ARTAXA TRIFASCIATA.

*Artaxa, trifasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).  
Cherrapunji.  
Allied to *A. subfasciata*.

## 920. ARTAXA UNIMACULA.

*Artaxa unimacula*, Moore, Proc. Zool. Soc. Lond. 1879, p. 399.  
Khasi Hills.  
Allied to *A. digramma*.

## 921. ARTAXA VARIANS.

*Artaxa varians*, Walker, Cat. Lep. Het. B. M. iii, p. 796, (1855).  
————— Moore, Proc. Zool. Soc. Lond. 1878, p. 848.  
————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Calcutta, Buxa (Moti Ram), Mergui (Anderson).  
Collection Swinhoe, Poona, Bombay.  
Also recorded from the Punjab, Tenasserim, China, and S. Africa.



## 922. ARTAXA VENOSA.

*Artaxa venosa*, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 5, (1879).

Darjiling.

Genus **Somena**.

## 923. SOMENA IRRORATA.

*Somena irrorata*, Moore, Lep. Ceyl. ii, p. 87, pl. 111, fig. 2, (1882).

Ceylon.

## 924. SOMENA SCINTILLANS.

*Somena scintillans*, Walker, Cat. Lep. Het. B. M. vii, p. 1734, (1856).

————— Moore, Lep. Ceyl. ii, p. 86, pl. 111, figs. 3, 3a, (1882).

*Artaxa scintillans*, Butler, Ill. Typ. Lep. Het. v, p. 52, pl. 90, fig. 1, (1881).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, and Ceylon.

## 925. SOMENA SUBNOTATA.

*Orvasca subnotata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 502, (1865).

*Somena subnotata*, Moore, Lep. Ceyl. ii, p. 87, pl. 111, figs. 1, 1a, 1b, (1882).

*Gomena* (sic) *subnotata*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

Collection Swinhoe, Karachi.

Also recorded from Ceylon.

Genus **Cispia**.

## 926. CISPIA PUNCTIFASCIA.

*Cispia punctifascia*, Walker, Cat. Lep. Het. B. M. iv, p. 857, (1855).

————— Butler, Ill. Typ. Lep. Het. v, p. 53, pl. 90, fig. 4, (1881).

————— Moore, Lep. Ceyl. ii, p. 91, pl. 113, fig. 3, (1882).

I. M., Buxa (Moti Ram).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

## 927. CISPIA SEMISIGNATA.

*Cispia semisignata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 356, (1865).

S. India.

## 928. CISPIA VENOSA.

*Cispia venosa*, Walker, Trans. Ent. Soc. Lond. (3), i, p. 264, (1862-64).

————— Cat. Lep. Het. B. M. xxxii, p. 356, (1865).

I. M., Sikkim (Atkinson).



Genus **Porthesia**.929. **PORTHESIA MARGINALIS**.*Euproctis marginalis*, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).*Porthesia marginalis*, Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 12, (1881).

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Mergui (Anderson).

Collection Swinhoe, Mhow, Punjab, Poona, Bombay.

930. **PORTHESIA SUBDITA**.*Euproctis subdita*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400.*Porthesia subdita*, Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 5, 5a (1882).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

Allied to *P. auriflua* of Europe.931. **PORTHESIA SUBNIGRA**.*Euproctis subnigra*, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).

I. M., Sibsagar (Peal), Kulu (purchased).

Collection Swinhoe, Simla, Sikkim, Sibsagar.

Recorded from Cherrapunji and the Jawai Hills.

932. **PORTHESIA VIRGUNCULA**.*Euproctis virguncula*, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, figs. 3, 3a, (1859).

————— Snellen, Tijd. Ent. Hague xx, p. 14, pl. 1, fig. 7, (1877).

Punjab, Deccan, Ceylon, Java.

Genus **Euproctis**.933. **EUPROCTIS ANTICA**.*Euproctis antica*, Walker, Cat. Lep. Het. B. M. iv, p. 835, (1855).

Nepal, Hongkong.

934. **EUPROCTIS ATOMARIA**.*Euproctis atomaria*, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

————— Snellen, Tijd. Ent. Hague xx, p. 11, pl. 1, fig. 4, (1877).

I. M., Mergui (Anderson).

Recorded from N. India and Java.

935. **EUPROCTIS BIGUTTA**.*Euproctis bigutta*, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, (1859).

————— Lep. Ceyl. ii, p. 90, pl. 112, fig. 6a, (1882).

Kanara, Ceylon, Java.



## 936. EUPROCTIS BIMACULATA.

*Euproctis bimaculata*, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).

————— Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 6, 6b, (1882).

I. M., (?) Andaman Is. (purchased).

Also recorded from Ceylon.

## 937. EUPROCTIS DISCINOTA.

*Euproctis discinota*, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

Andaman Is.

## 938. EUPROCTIS DIVISA.

*Euproctis divisa*, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).

Nepal, Punjab, Sylhet.

## 939. EUPROCTIS FLAVONIGRA.

*Euproctis flavonigra*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 11.

Nepal.

## 940. EUPROCTIS GAMMA.

*Euproctis gamma*, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

Sikkim.

## 941. EUPROCTIS ICILIA.

*Phalæna icilia*, Stoll., Cram. Pap. Exot. v, p. 158, pl. 35, fig. 5, (1790).

*Bombyx arenacea*, Linn., Syst. Nat. i, 2, 828, 65.\*

*Phalæna (Bombyx) arenacea*, Drury, Ins. i, p. 33, pl. 18, fig. 1, (1770).

*Nygmia arenacea*, Hübn, Verz. Bek. Schmett., p. 193, (1816).

*Limacodes arenacea*, Westw., Ed. Drury i, p. 32, pl. 18, fig. 1, (1837).\*

*Euproctis icilia*, Walker, Cat. Lep. Het. B. M. vii, p. 1730, (1856).

Tranquebar.

## 942. EUPROCTIS IMMACULATA.

*Euproctis immaculata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.

Java, Sikkim.

## 943. EUPROCTIS KARGALICA.

*Euproctis kargalica*, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).

————— Second Yarkand Miss. Lep., p. 7, pl. 1, fig. 18, (1879).

I. M., Yarkand Type (2nd Mission).

## 944. EUPROCTIS LACTEA.

*Euproctis lactea*, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).

I. M., Yarkand Type (2nd Mission).



## 945. EUPROCTIS LATIFASCIA.

*Leucoma latifascia*, Walker, Cat. Lep. Het. B. iv, p. 831, (1855).

*Euproctis latifascia*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 51, pl. 89, fig. 11, (1881).

*Euproctis melanophila*, Walker, loc. cit. xxxii, p. 349, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Also recorded from Nepal.

## 946. EUPROCTIS LUNATA.

*Euproctis lunata*, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855); and vii, p. 1731, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 16, fig. 2, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 680.

————— Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 9, (1881).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 400, pl. 14, figs. 5-5c.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

————— loc. cit., 1886, p. 437.

I. M., Delhi.

Collection Swinhoe, Jullundur, Mhow, Poona.

Also recorded from Calcutta.

## 947. EUPROCTIS LUTESCENS.

*Euproctis lutescens*, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

————— Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 10, (1881).

————— Moore, Lep. Ceyl. ii, p. 90, pl. 113, fig. 1, (1882).

N. India, Ceylon.

I. M., a specimen with no history.

## 948. EUPROCTIS MADANA.

*Euproctis madana*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 345, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

## 949. EUPROCTIS METAMELANA.

*Euproctis metamelana*, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Cherrapunji.

Allied to *E. melanophila*.

## 950. EUPROCTIS POSTICA.

*Euproctis postica*, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Bombay,

Also recorded from Poona.



## 951. EUPROCTIS POSTINCISA.

*Euproctis postincisa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32,  
fig. 5.

N.-E. Bengal.

## 952. EUPROCTIS RANA.

*Euproctis rana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 806.  
Walker, Cat. Lep. Het. B. M. xxxv, p. 1915, (1866).

Sylhet.

## 953. EUPROCTIS SEMIVITTA.

*Euproctis semivitta*, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 25.  
(1879).

Khasi Hills.

## 954. EUPROCTIS TINCTIFERA.

*Euproctis tinctifera*, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).  
Moore, Lep. Ceyl. ii, p. 90, (1882).

Ceylon.

## 955. EUPROCTIS VARIEGATA.

*Euproctis variegata*, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 24,  
(1879).

Darjiling.

## 956. EUPROCTIS VILIS.

*Euproctis vilis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).

S. India.

## 957. EUPROCTIS VITELLINA.

*Liparis vitellina*, Kollar, Kaschmir Von Hugel, iv, p. 471, (1848).  
*Euproctis vitellina*, Walker, Cat. Lep. Het. B. M. iv, p. 838, (1855).  
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Kulu (purchased), Simla.

Collection Swinhoe, Simla, Satara.

Also recorded from Satara.

## 958. EUPROCTIS XANTHORRHÆA.

*Liparis xanthorrhæa*, Kollar, Kaschmir Von Hugel, p. 470, (1848).  
*Euproctis xanthorrhæa*, Walker, Cat. Lep. Het. B. M. iv, p. 838, (1855).

Mussooree, Kashmir.

Genus **Pida**.

## 959. PIDA ALBODENTATA.

*Pida albodentata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

N.-W. Himalayas.



960. *PIDA* *APICALIS*.*Pida apicalis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 400, (1865).                     Moore, Proc. Zool. Soc. Lond. 1867, p. 680.                     Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 15, (1881).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

961. *PIDA* *LATIVITTA*.*Pida lativitta*, Moore, Descr. Ind. Lep. Atk. i. p. 49, pl. 2, fig. 18, (1879).

Darjiling.

Genus *Numenes*.962. *NUMENES* *PARTITA*.*Numenes partita*, Walker, Cat. Lep. Het. B. M. xxxi, p. 290, (1864).

Darjiling.

963. *NUMENES* *PATRANA*.*Numenes patrana*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 367, (1859).                     Walker, Cat. Lep. Het. B. M. xxxi, p. 289, (1864).

Collection Swinhoe, Sikkim.

Also recorded from Bhotan.

964. *NUMENES* *SILETTI*.*Numenes siletti*, Walker, Cat. Lep. Het. B. M. iii, p. 663, (1855).I. M., Tavoy (Moti Ram), Cachar (Wood-Mason), Sikkim  
(purchased), N. Khasi Hills, Sibsagar.

Collection Swinhoe, Sylhet.

Also recorded from Java.

Genus *Chærotricha*.965. *CHÆROTRICHA* *BIPARTITA*.*Chærotricha bipartita*, Moore, Descr. Ind. Lep. Atk. i, p. 49, pl. 2, fig. 4, (1879).

Darjiling.

966. *CHÆROTRICHA* *DECUSSATA*.*Chærotricha decussata*, Moore, Ann. Mag. N. H. (4), xx, p. 345, (1877).                     Lep. Ceyl. ii, p. 91, pl. 113, figs. 2, 2a, 2b ; (1882).*Euproctis decussata*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.

Collection Swinhoe, Nilgiri Hills, Poona, Bombay.

Also recorded from Ceylon.

Allied to *C. plana*.



## 967. CHÆROTRICHA IMMACULATA.

*Chærotricha immaculata*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 14, (1881).

Darjiling.

## 968. CHÆROTRICHA LEITHIANA.

*Artaxa leithiana*, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 9.

I. M., a specimen with no locality (Anderson).

Collection Swinhoe, Poona, Bombay, Belgaum.

Also recorded from Kanara.

## 969. CHÆROTRICHA MARGINATA.

*Chærotricha marginata*, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.

Allied to *C. plagiata*.

## 970. CHÆROTRICHA PLAGIATA.

*Cispia plagiata*, Walker, Cat. Lep. Het. B. M. iv, p. 858, (1855).

Nepal.

## 971. CHÆROTRICHA PLANA.

*Euproctis plana*, Walker, Cat. Lep. Het. vii, p. 1731, (1856).

*Chærotricha plana*, Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 13, (1881).

Collection Swinhoe, Bengal.

Also recorded from Darjiling.

## 972. CHÆROTRICHA QUADRANGULARIS.

*Chærotricha quadrangularis*, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 23, (1879).

Manipur, E. Bengal.

## 973. CHÆROTRICHA UNIFORMIS.

*Chærotricha uniformis*, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.

Allied to *C. plagiata*.

## 974. CHÆROTRICHA VARIA.

*Euproctis varia*, Walker, Cat. Lep. Het. B. M. iv, p. 840, (1855).

——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 9a, fig. 5, (1859)

Collection Swinhoe, Simla, Sikkim.

Genus **Dasychira**.

## 975. DASYCHIRA ALBESCENS.

*Dasychira albescens*, Moore, Descr. Ind. Lep. Atk. i, p. 59, pl. 3, fig. 2, (1879).

Darjiling.

Allied to *D. cinctata*.



976. *DASYCHIRA BHANA*.

*Dasychira bhana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.  
————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Collection Swinhoe, Darjiling.

Allied to *D. tenebrosa*.

977. *DASYCHIRA BRUNNESCENS*.

*Dasychira brunnescens*, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Darjiling.

978. *DASYCHIRA CINCTATA*.

*Dasychira cinctata*, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).

Darjiling.

979. *DASYCHIRA CONVERGENS*.

*Dasychira convergens*, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

980. *DASYCHIRA FASCIATA*.

*Dasychira fasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).

Darjiling.

981. *DASYCHIRA FLAVIMACULA*.

*Dasychira flavimacula*, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.  
————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Darjiling.

982. *DASYCHIRA GROTEI*.

*Dasychira grotei*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. xv, figs. 1, 1a, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

India, Penang.

983. *DASYCHIRA KAUSALIA*.

*Dasychira kausalia*, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

Collection Swinhoe, Simla.

Also recorded from Kasauli.

Allied to *D. horsfieldi* and *D. strigata*.



984. *DASYCHIRA MARUTA*.

- Dasychira maruta*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 339, (1859).  
 \_\_\_\_\_ Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).  
 \_\_\_\_\_ Moore, Proc. Zool. Soc. Lond. 1867, p. 681.  
 \_\_\_\_\_ Butler, Ill. Typ. Lep. Het. B. M. v, p. 58, pl. 91, fig. 6,  
 (1881).

Darjiling.

985. *DASYCHIRA MÆRENS*.

*Dasychira mærens*, Felder, Reise Novara Lep., pl. 99, fig. 4, (1864-75).

Ceylon.

986. *DASYCHIRA NIGRITULA*.

*Dasychira nigracula*, Walker, Cat. Lep. Het. B. M. xxxii, p. 360, (1865).

N. India.

987. *DASYCHIRA NIVEOSPARSA*.

*Dasychira niveosparsa*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 59, pl. 91, fig. 7, (1881).

Darjiling.

988. *DASYCHIRA PERDIX*.

*Dasychira perdix*, Moore, Descr. Ind. Lep. Atk. i, p. 58, pl. 3, fig. 3, (1879).

Darjiling.

989. *DASYCHIRA STRIGATA*.

*Dasychira strigata*, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).

Garhwal, Simla.

Allied to *D. kausalia*.

990. *DASYCHIRA TENEBROSA*.

*Dasychira tenebrosa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 361, (1865) ;  
 and xxxv, p. 1916, (1866).

Darjiling.

991. *DASYCHIRA THWAITESII*.

*Dasychira thwaitesii*, Moore, Lep. Ceyl. ii, p. 98, pl. 116, figs. 1, 1a, 1b,  
 (1882).

Collection Swinhoe, Ceylon.

992. *DASYCHIRA VARIA*.

*Dasychira varia*, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855).

E. Indies.



Genus **Gazalina**.993. **GAZALINA APSARA.**

*Dasychira apsara*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).  
 ——— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).  
*Gazalina apsara*, Moore, Proc. Zool. Soc. Lond. 1867, p. 681.  
 N. India.

994. **GAZALINA CHRYSOLOPHA.**

*Liparis chrysolopha*, Köllar, Kaschmir Von Hügel, iv, p. 470, (1848).  
*Dasychira antica*, Walker, Cat. Lep. Het. B. M. iv, p. 867, (1855).  
*Oligoclona chordigera*, Felder, Reise Novara Lep., pl. 94, fig. 10, (1864-75).  
*Gazalina antica*, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 4, (1881).  
 I. M., Darjiling, Kulu.  
 Collection Swinhoe, Sikkim.  
 Also recorded from Almora.

995. **GAZALINA TRANSVERSA.**

*Gazalina transversa*, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 22,  
 (1879).  
 Darjiling.

996. **GAZALINA VENOSATA.**

*Gazalina venosata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 398, (1865).  
 ——— Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 5, (1881).  
*Oligoclona nervosa*, Felder, Reise Novara Lep., pl. 95, fig. 8, (1864-75).  
 I. M., Darjiling.  
 Collection Swinhoe, Sikkim.  
 Also recorded from Barrackpore.

Genus **Mardara**.997. **MARDARA CALLIGRAMMA.**

*Mardara calligramma*, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865),  
 also xxxv, p. 1918, (1866).  
 I. M., Sikkim (purchased).  
 Collection Swinhoe, Simla, Darjiling.

998. **MARDARA COMPLICATA.**

*Dasychira complicata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 362, (1865).  
*Trisula pustulifera*, Walker, loc. cit., p. 576, (1865).  
*Mardara complicata*, Butler, Ill. Typ. Lep. Het. v, p. 58, pl. 91, figs. 4-5,  
 (1881).  
 I. M., Darjiling.  
 Collection Swinhoe, Darjiling.  
 Also recorded from Barrackpore.

Genus **Lymantria**.999. **LYMANTRIA ALBOLUNULATA.**

*Lymantria albolunulata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 403.  
 Collection Swinhoe, Simla.  
 Also recorded from Dharmsala.



## 1000. LYMANTRIA ARYAMA.

*Lymantria aryama*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).  
 ————— Proc. Zool. Soc. Lond. 1867, p. 681.

Kanara.

## 1001. LYMANTRIA ASOETRIA.

*Lymantria asoetria*, Hübn., Samml. Exot. Schmett., 2, figs. (1-4).  
 ————— Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).  
 ————— Moore, Journ. As. Soc. Beng., vol. lv, pt. 2, p. 98, (1886).

I. M., Tavoy (Moti Ram).  
 Also recorded from Java.

## 1002. LYMANTRIA BASINIGRA.

*Lymantria basinigra*, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.  
 ————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Balasore.

## 1003. LYMANTRIA BEATRIX.

*Bombyx beatrix*, Stoll., Cram. Suppl. Pap. Exot. v, p. 173, pl. 40, fig. 2,  
 (1790).

*Lymantria beatrix*, Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

*Lymantria marginata*, Walker, Cat. Lep. Het. B. M. iv, p. 877, (1855).

————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig.  
 12, (1881).

Batavia, Sylhet.  
 Collection Swinhoe, Dharmasala.

## 1004. LYMANTRIA CARA.

*Lymantria cara*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 13,  
 (1881).

I. M., Sikkim (purchased), Sibsagar (Peal).  
 Also recorded from Bhotan and Borneo.

## 1005. LYMANTRIA CONCOLOR.

*Lymantria concolor*, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).

————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 55, pl. 90, figs.  
 8, 9, (1881).

Sikkim.

## 1006. LYMANTRIA COSTALIS.

*Lymantria costalis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).  
 S. India.

## 1007. LYMANTRIA FULIGINOSA.

*Lymantria fuliginosa*, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Collection Swinhoe, Bombay, Khandalla.



## 1008. LYMANTRIA GRANDIS.

*Lymantria grandis*, Walker, Cat. Lep. Het. B. M. iv, p. 874, (1855).

————— Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, figs. 1-2, (1881).

————— Moore, Lep. Ceyl., ii, p. 99, (1882).

*Lymantria maculosa*, Walker, loc. cit., iv, p. 881, (1855).

*Lymantria metarhoda*, Walker, loc. cit., xxxii, p. 365, (1865).

I. M., Darjiling (Barnes), Buxa (Moti Ram).

Collection Swinhoe, Darjiling, Simla.

Also recorded from Ceylon and Australia.

## 1009. LYMANTRIA GRISEA.

*Lymantria grisea*, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 5, (1879).

Darjiling.

## 1010. LYMANTRIA LUNATA.

*Phalæna lunata*, Cramer, Pap. Exot. iv, pl. 369, fig. C, (1781).

*Porthetria lunata*, Hübn., Verz. Bek. Schmett., p. 160, (1816).

*Lymantria lunata*, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 879, (1855).

————— Semper, Verh., Zool. Botan. Ges. Wien. xvii, p. 701, (1867).

Collection Swinhoe, Simla.

Also recorded from Amboina and Hongkong.

## 1011. LYMANTRIA MICANS.

*Lymantria micans*, Felder, Reise Novara Lep., pl. 99, fig. 2, (1864-75).

Sylhet.

Allied to *L. superans* and *L. concolor*.

## 1012. LYMANTRIA MUNDA.

*Lymantria munda*, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 681.

*Imaus mundus*, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

I. M., Darjiling (purchased), Buxa (Moti Ram).

Collection Swinhoe, Sylhet.

Also recorded from Cherrapunji and Java.

## 1013. LYMANTRIA OBFUSCATA.

*Lymantria obfuscata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 367, (1865).

Collection Swinhoe, Kulu, Simla.

## 1014. LYMANTRIA OBSOLETA.

*Lymantria obsoleta*, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).

————— Lep. Ceyl. ii, p. 100, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

————— Proc. Zool. Soc. Lond. 1886, p. 438.



LYMANTRIA OBSCLETA,—*continued*.

*Lymantria lunata*, var. B, Walker, *loc. cit.* 879, (1855).

*Lymantria bhascara*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).

I. M. Cachar (Wood-Mason).

Collection Swinhoe, Nilgiri Hills, Mhow, Bombay, Poona, Matheran.

Also recorded from Sikkim, Ceylon, and Hongkong.

## 1015. LYMANTRIA PUSILLA.

*Lymantria pusilla*, Felder, Reise Novara Lep., pl. 99, fig. 3, (1864-75).  
Bengal.

## 1016. LYMANTRIA RHODINA.

*Lymantria rhodina*, Walker, Cat. Lep. Het. B. M. xxxii, p. 366, (1865).  
India.

## 1017. LYMANTRIA SIMILIS.

*Lymantria similis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 402.  
Calcutta.  
Allied to *L. superans*.

## 1018. LYMANTRIA SOBRINA.

*Lymantria sobrina*, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33,  
fig. 5.  
I. M., Calcutta.  
Collection Swinhoe, India.  
Also recorded from Dharmasala.  
Allied to *L. superans*.

## 1019. LYMANTRIA SUPERANS.

*Lymantria superans*, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).  
Butler, Ill. Typ. Lep. Het. v, p. 55, pl. 90, figs. 10  
& 11, (1881).  
I. M., Khasi Hills (purchased), Shillong, Kulu (purchased), Almora (purchased), Cherrapunji.  
Collection Swinhoe, Simla, Sikkim.

## 1020. LYMANTRIA TODARA.

*Lymantria todara*, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 6.  
Nilgiri Hills.

## 1021. LYMANTRIA VINACEA.

*Lymantria vinacea*, Moore, Proc. Zool. Soc. Lond.  
Kanara.



Genus **Pegella**.1022. **PEGELLA BIVITTATA**.

*Pegella bivittata*, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).  
*Lymantria lineata*, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 875,  
 (1855).

Darjiling.

1023. **PEGELLA LINEATA**.

*Lymantria lineata*, Part, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).  
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.  
*Pegella lineata*, Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, fig. 3, (1881).

I. M., Naga Hills, Dunsiri, N. Khasi Hills.

Collection Swinhoe, Buxar.

Also recorded from Sylhet.

Genus **Porthetria**.1024. **PORTHETRIA BROTEA**.

*Phalæna brotea*, Cramer, Pap. Exot. iv, pl. 322, fig. E, (1780).  
*Porthetria brotea*, Hübn., Verz. Bek. Schmett, p. 160, (1816).  
*Lymantria brotea*, Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).  
 Coromandel, Amboina.

1025. **PORTHETRIA LEPCHA**.

*Porthetria lepcha*, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).  
 Darjiling.

1026. **PORTHETRIA MATHURA**.

*Lymantria mathura*, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.  
 ———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).  
*Porthetria mathura*, Moore, Descr. Ind. Lep. Atk. i, p. 55, Note (1879).  
 Collection Swinhoe, Sylhet.  
 Also recorded from Darjiling.

1027. **PORTHETRIA UMBRINA**.

*Porthetria umbrina*, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 4,  
 (1879).  
 Darjiling.

Genus **Enome**.1028. **ENOME AMPLA**.

*Enome ampla*, Walker, Cat. Lep. Het. B. M. iv, p. 883, (1855).  
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 346, pl. 9a, figs. 4, pl.  
 xv, figs. 7, 7a, 8, 8a, (1859).  
 ———— Proc. Zool. Soc. Lond. 1867, p. 681.  
 ———— Lep. Ceyl. ii, p. 79, pl. 109, figs. 2, 2a, 2b, (1882).  
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

I. M., Yunan, Ceylon (Colombo Museum).

Collection Swinhoe, Sikkim, Poona.



## 1029. ENOME DETERSA.

*Lymantria deterosa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).

*Enome deterosa*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300, pl. 21, figs. 3, 4.

————— Proc. Zool. Soc., Lond. 1886, p. 438.

*Pachenome deterosa*, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.

Collection Swinhoe, Mhow, Sattara, Belgaum, Poona.

Also recorded from (?) Mauritius.

## 1030. ENOME INCERTA.

*Lymantria incerta*, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).

*Pseudomesa incerta*, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402.

*Enome incerta*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

————— Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Satara, Mhow.

Genus *Pseudomesa*.

## 1031. PSEUDOMESA QUADRIPLAGIATA.

*Pseudomesa quadriplagiata*, Walker, Cat. Lep. Het. B. M. iv, p. 923, (1855).

————— Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 6, (1881).

Sylhet.

I. M., Buxa (Moti Ram).

Genus *Aroa*.

## 1032. AROA CLARA.

*Aroa clara*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, figs. 9, 10.

Collection, Swinhoe, Bombay.

Allied to *A. pyrrhochroma*.

## 1033. AROA PYRRHOCHROMA.

*Aroa pyrrhochroma*, Walker, Cat. Lep. Het. B. M. xxxii, p. 329, (1865).

I. M., Buxar (Moti Ram), Sibsagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sikkim, Buxa, Mandi.

Also recorded from Cherrapunji.

## 1034. AROA SAGRARA.

*Aroa sagrara*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, fig. 13.

Belgaum.

Genus *Olene*.

## 1035. OLENE BASIVITTA.

*Rilia basivitta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 436, (1865).

*Olene basivitta*, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 2, (1882).

Ceylon.



1036. *OLENE FUSIFORMIS*.

*Nioda fusiformis*, Walker, Cat. Lep. Het. B. M. v, p. 1070, (1855).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 401, pl. 15, figs. 5—5f.

*Olene fusiformis*, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 3, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 297, pl. 20, fig. 8.  
————— *loc. cit.* 1886, p. 438.

Collection Swinhoe, Simla, Cawnpore, Mhow, Karachi, Poona, Bombay.

Also recorded from Ceylon.

1037. *OLENE MENDOSA*.

*Olene mendosa*, Hübn., Zutr. Exot. Schmett, figs. 293-294, (1823).\*

————— Moore, Cat. Lep. Mus. E. I. C. ii. p. 341, pl. 15, figs. 3, 3a, (1859).

————— Felder, Reise Novara, pl. 99, fig. 6, (1864-75).

————— Moore, Lep. Ceyl. ii, p. 96, pl. 115, figs. 4, 4a, 4b, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.

*Rilia lanceolata*, Walker, Cat. Lep. Het. B. M. v, 1075, (1855).

*Olene lanceolata*, Butler, Ill. Typ. Lep. Het. vi, p. 1, pl. 106, fig. 6, (1886).

Collection Swinhoe, Poona.

Also recorded from Sylhet, Kanara, Ceylon, and Java.

1038. *OLENE OLEARIA*.

*Olene olearia*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297, pl. 20, figs. 14-15.

Collection Swinhoe, Poona.

Genus *Antipha*.1039. *ANTIPHA ANTICA*.

*Lacida antica*, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).

*Anaxila notata*, Walker, *loc. cit.*, p. 919, (1855).

*Antipha antica*, Moore, Lep. Ceyl. ii, p. 80, pl. 110, fig. 3, (1882).

Ceylon.

1040. *ANTIPHA BASALIS*.

*Antipha basalis*, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).

E. Indies.

1041. *ANTIPHA COSTALIS*.

*Antipha costalis*, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).

————— Moore, Lep. Ceyl. ii, p. 81, pl. 110, figs. 2, 2a, 2b, (1882).

*Lacida complens*, Walker, *loc. cit.*, xxxii, p. 336, (1865).

*Rilia illepida*, Walker, *loc. cit.*, p. 436, (1865).

Ceylon.



## 1042. ANTIPHA PROMITTENS.

*Lacida promittens*, Walker, Cat. Lep. Het. B. M. xxxii, p. 337, (1865).

*Antipha promittens*, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

## 1043. ANTIPHA STRIGULIFERA.

*Lacida strigulifera*, Walker, Cat. Lep. Het. B. M. xxxii, p. 336, (1865).

*Antipha strigulifera*, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

Genus **Cnethocampa**.

## 1044. CNETHOCAMPA BASIFURCA.

*Cnethocampa basifurca*, Walker, Cat. Lep. Het. B. M. xxxii, p. 430, (1865).

S. India.

## 1045. CNETHOCAMPA CHEELA.

*Thaumatopæa cheela*, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, figs. 3, 3a.

Collection Swinhoe, Simla.

Also recorded from Umballa.

## 1046. CNETHOCAMPA CURVATA.

*Cnethocampa curvata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 429, (1865).

India.

Genus **Nagunda**.

## 1047. NAGUNDA SEMICINCTA.

*Alope semicincta*, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

*Nagunda semicincta*, Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 7, (1881).

I. M. Sikkim (purchased).

Collection Swinhoe; Simla.

Genus **Redoa**.

## 1048. REDOA CLARA.

*Redoa clara*, Walker, Cat. Lep. Het. B. M. xxxii, p. 343, (1865).

Collection, Swinhoe, Sikkim.

## 1049. REDOA CYGNA.

*Redoa cygna*, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

N.-E. Bengal.



## 1050. REDOA CYMBICORNIS.

*Redoa cymbicornis*, Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 2,  
(1881).  
Darjiling.

## 1051. REDOA DIAPHANA.

*Redoa diaphana*, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).  
Darjiling.  
Allied to *R. lactea*.

## 1052. REDOA FLAVESCENS.

*Redoa flavescens*, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.  
S. Andaman Is.

## 1053. REDOA LACTEA.

*Redoa lactea*, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).  
Collection Swinhoe, Darjiling.

## 1054. REDOA SERICEA.

*Redoa sericea*, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.  
Andaman Is.

## 1055. REDOA SUBMARGINATA.

*Redoa submarginata*, Walker, Cat. Lep. Het. B. M. iv, p. 826, (1855).  
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 336, pl. 14, figs.  
11, 11a, (1859).  
————— Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 3,  
(1881).  
————— Moore, Lep. Ceyl. ii, p. 92, pl. 113, fig. 4, (1882).  
————— Journ. As. Soc. Beng. liii, pt. 2, p. 235,  
(1884).

I. M., Buxa (Moti Ram), Sikkim (purchased), Cachar  
(Wood-Mason), Sibsagar (Peal).  
Collection Swinhoe, Ceylon.  
Also recorded from Sylhet and Java.

Genus **Himala**.

## 1056. HIMALA ARGENTEA.

*Redoa argentea*, Walker, Cat. Lep. Het. B. M. iv, p. 827, (1855).  
*Dasychira ilita*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).  
————— Walker, *loc. cit.*, xxxii, p. 359, (1864).  
*Himala argentea*, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 6, (1881).  
————— Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Collection Swinhoe; Simla.  
Also recorded from Assam, Darjiling, Dehra Dhun.



Genus **Mahoba**.1057. **MAHOBIA** IRRORATA.

*Mahoba irrorata*, Moore, Descr. Ind. Lep. Atk. i, p. 52, (1879).  
Darjiling.

1058. **MAHOBIA** PLAGIDOTATA.

*Cyclidia plagidotata*, Walker, Cat. Lep. Het. B. M. xxv, p. 1483, (1862).  
*Mahoba plagiidotata*(sic), Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 3, fig. 6 (1879).  
Darjiling.

Genus **Somera**.1059. **SOMERA** VIRIDIFUSCA.

*Somera viridifusca*, Walker, Cat. Lep. Het. B. M. iv, p. 882, (1855).  
————— Butler, Ill. Typ. Lep. Het. vi, p. 20, pl. 104, fig. 7, (1886).

I. M., Sikkim (purchased).  
Collection Swinhoe, Darjiling.  
Also recorded from Sylhet.

Genus **Thiacidas**.1060. **THIACIDAS** POSTICA.

*Thiacidas postica*, Walker, Cat. Lep. Het. B. M. v, p. 1028, (1855).  
————— Moore, Cat. Lep. Mus E. I. C. ii, p. 371, (1859).  
*Thiacides* (sic) *postica*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.  
————— *loc. cit.*, 1885, p. 302, pl. 21, figs. 1, 1a, 2.

Collection Swinhoe, Karachi, Bombay.  
Also recorded from Nepal, Kanara.

Genus **Odagra**.1061. **ODAGRA** DEVESTITA.

*Odagra devestita*, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

Genus **Baryaza**.1062. **BARYAZA** CERVINA.

*Baryaza cervina*, Moore, Descr. Ind. Lep. Atk. i, p. 45, pl. 3, fig. 1, (1879).

Darjiling.

Genus **Heracula**.1063. **HERACULA** DISCIVITTA.

*Heracula discivitta*, Moore, Proc. Zool. Soc., Lond. 1865, p. 804, pl. 43, fig. 2.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1918, (1866).  
Darjiling.



Genus **Caviria**.1064. **CAVIRIA CYGNA**.

*Caviria cygna*, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.  
S. Andaman Is.

Genus **Locharna**.1065. **LOCHARNA STRIGIPENNIS**.

*Locharna strigipennis*, Moore, Descrip. Ind. Lep. Atk. i, p. 53, pl. 3, fig. 11,  
(1879).  
Khasi Hills.

Genus **Penora**.1066. **PENORA SILHETICA**.

*Penora silhetica*, Walker, Cat. Lep. Het. B. M. xxxii, p. 341, (1865).  
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.  
Sylhet.

1067. **PENORA VENOSA**.

*Penora venosa*, Walker, Cat. Lep. Het. B. M. iv, p. 822, (1855).  
——— Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 1, (1881).  
N. India.

Genus **Procodeca**.1068. **PROCODECA ANGULIFERA**.

*Prorodeca* (sic) *angulifera*, Walker iv, p. 919, (1855).  
I. M., Mergui (Anderson).

1069. **PROCODECA TESTACEA**.

*Procodeca testacea*, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.  
Bengal.

Genus **Echlida**.1070. **ECHLIDA SUBJECTA**.

*Echlida subjecta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 387, (1865).  
S. India.

Genus **Bazisa**.1071. **BAZISA DETECTA**.

*Bazisa detecta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 399, (1865).  
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.  
Calcutta.



Genus **Stilpnotia**.1072. **STILPNOTIA OCHRIPIES**.

*Stilpnotia ochripes*, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).  
Darjiling.

1073. **STILPNOTIA SERICEA**.

*Stilpnotia sericea*, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).  
*Charala sericea*, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.  
Mussooree, Darjiling.

1074. **STILPNOTIA SORDIDA**.

*Stilpnotia sordida*, Walker, Cat. Lep. Het. B. M. vii, p. 1732, (1856).  
Sylhet.

Genus **Repena**.1075. **REPENA CERVINA**.

*Repena cervina*, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).  
E. Indies.

Genus **Patana**.1076. **PATANA DISPAR**.

*Patana dispar*, Walker, Cat. Lep. Het. B. M. iv, p. 820, (1855).  
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.  
E. Indies, Calcutta.

Genus **Harapa**.1077. **HARAPA TESTACEA**.

*Harapa testacea*, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 15,  
(1879).  
Darjiling.

Genus **Caragola**.1078. **CARAGOLA COSTALIS**.

*Caragola costalis*, Moore, Descr. Ind. Lep. Atk. i, p. 46, pl. 2, fig. 21,  
(1879).  
Darjiling.

Genus **Cadrusia**.1079. **CADRUSIA VIRESCENS**.

*Cadrusia virescens*, Moore, Descr. Ind. Lep. Atk. i, p. 54, pl. 3, fig. 16,  
(1879).  
I. M., Shillong.  
Also recorded from Darjiling.



Genus **Trichia**.1080. **TRICHIA EXIGUA**.

*Trichia exigua*, Nietner, Enemies of Coffee, Ceylon, p. 20, (1861).\*  
 ——— Moore, Lep. Ceyl. ii, p. 100, (1882).  
 Ceylon.

Genus **Trisuloides**.1081. **TRISULOIDES CATOCALINA**.

*Trisuloides catocalina*, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.  
 Darjiling.

1082. **TRISULOIDES SERICEA**.

*Trisuloides sericea*, Butler, Ann. Nat. Hist. (5), vii, p. 36, (1881).  
 Shillong, Darjiling.

Genus **Barhona**.1083. **BARHONA CARNEOLA**.

*Barhona carneola*, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).  
 Collection Swinhoe, Darjiling.

Genus **Dura**.1084. **DURA ALBA**.

*Dura alba*, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).  
 Darjiling.

Genus **Caltura**.1085. **CALTURA ALBA**.

*Caltura alba*, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.  
 ——— Lep. Ceyl. ii, p. 98, pl. 114, figs. 2, 2a, 2b, (1882).  
 Collection Swinhoe, Ceylon.

Genus **Daplasa**.1086. **DAPLASA IRRORATA**.

*Daplasa irrorata*, Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 2, fig. 17,  
 (1879).  
 Darjiling.

Genus **Bembina**.1087. **BEMBINA APICALIS**.

*Bembina apicalis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 505, (1865).  
 ——— Moore, Lep. Ceyl. ii, p. 88, pl. 111, fig. 5, (1882).  
 Ceylon.



Genus **Kanchia**.1088. **KANCHIA SUBVITREA**.

*Leucoma subvitrea*, Walker, Cat. Lep. Het. B. M. xxxii, p. 344, (1865).  
*Kanchia subvitrea*, Moore, Lep. Ceyl. ii, p. 93, pl. 113, fig. 5, (1882).

Collection Swinhoe, Ceylon.

Also recorded from India.

Genus **Amsacta**.1089. **AMSACTA TENEBROSA**.

*Amsacta tenebrosa*, Walker, Cat. Lep. Het. B. M. vii, p. 1725, (1856); and  
 xxxii, p. 338, (1865).

N. India, Ceylon.

Genus **Psalis**.1090. **PSALIS SECURIS**.

*Psalis securis*, Hübner, Zuträge, Samml. Exot. Schmett. iii, 9, 146, figs.  
 291-92, (1823).\*

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. 14, figs. 12,  
 12a, (1859).

————— Lep. Ceyl. ii, p. 95, pl. 115, figs. 1, 1a, (1882).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

*Arestha antica*, Walker, Cat. Lep. Het. B. M. iv, p. 805, (1855).

*Drepana securis*, Walker, loc. cit. vii, p. 1762, (1856).

*Rigema falcata*, Walker, loc. cit. xxxii, p. 437, (1865).

*Anticyra approximata*, Walker, loc. cit., p. 440 (1865).

I. M., Kulu (purchased).

Collection Swinhoe; Ceylon, Mhow, Bisnaggar, Guzerat.

Also recorded from Java.

## FAMILY BOMBYCIDÆ.

Genus **Trilocha**.1091. **TRILOCHA ALBICOLLIS**.

*Naprepa albicollis*, Walker, Journ. Linn. Soc. Lond. vi, p. 171, (1862).  
 ————— Cat. Lep. Het. B. M. xxxii, p. 488, (1865).

*Trilocha albicollis*, Forsayeth, Trans. Ent. Soc. Lond. (1884), p. 408, pl. 15,  
 figs. 10, 10a.

Mhow, Borneo.



## 1092. TRILOCHA CERVINA.

*Naprepa cervina*, Walker, Cat. Lep. Het. B. M. xxxii, p. 489, (1865).

India.

## 1093. TRILOCHA VARIANS.

*Naprepa varians*, Walker, Cat. Lep. Het. v, p. 1153, (1855).

*Trilocha varians*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 382, pl. 11a, fig. 6, (1859).

————— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 331, pl. 19, figs. 1-2, (1864-66).

————— Moore, Wardle's Wild Silks of India, p. 4, (1881).

————— Lep. Ceyl. ii, p. 136, pl. 133, figs. 1, 1a, 1b, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302.

————— Proc. Zool. Soc. Lond. 1886, p. 440.

Collection Swinhoe, Mhow, Satara, Poona, Bombay.

Also recorded from Ceylon, Hongkong.

Genus **Bombyx**.

## 1094. BOMBYX ARRACANENSIS.

*Bombyx arracanensis*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 313, (1864-66).

————— Moore, Wardle's Wild Silks of India, p. 3, (1881).

Arracan.

## 1095. BOMBYX CRÆSI.

*Bombyx cræsi*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 312, (1864-66).

————— Moore, Wardle's Wild Silks of India, 1881, p. 3.

————— Proc. Zool. Soc. Lond. 1867, p. 683.

Bengal.

Known as "Nistry," "Madrassee," "Small Pat," and  
"Monthly Silkworm."

## 1096. BOMBYX FORTUNATUS.

*Bombyx fortunatus*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. (312), pl. 19; fig. 3, (1864-66).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

————— Wardle, Wild Silks of India, p. 3, (1881).

Bengal.

Known as the "Dassi Silkworm."

## 1097. BOMBYX LUGUBRIS.

*Noctua lugubris*, Drury, Exot. Ins. iii, p. 28, pl. 21, fig. 5, (1782).

*Bombyx lugubris*, — Ed. Westw., pl. 21, fig. 5, (1837).\*

*Bombyx penthica*, Hübn. Verz. Bek. Schmett, p. 191, (1816).

Madras.



## 1098. BOMBYX MORI.

*Phalæna mori*, Linn., Syst. Nat. ii, p. 817, 33, (1767).

*Bombyx mori*, Fabr., Sp. Ins. ii, p. 180, 57, (1781).

————— Hübn., Verz. Bek. Schmett., p. 191, (1816).

————— Walker, Cat. Lep. Het. B. M. vi, p. 1505, (1855).

————— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 303, pl. 19, figs. 7-8, (1864-66).

————— Moore, Wardle's Wild Silks of India, p. 3, (1881).

N. China, Cashmere, Persia, Syria, Europe.

Known as the "Annual" or "Cashmere Worm."

## 1099. BOMBYX SINENSIS.

*Bombyx sinensis*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 313, (1864-66).

————— Moore, Wardle's Wild Silks of India, p. 3, (1881).

China, Bengal.

Known as the "Sina" or "Cheena Monthly Worm."

## 1100. BOMBYX TEXTOR.

*Bombyx textor*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 309, (1864-66).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

————— Wardle's Wild Silks of India, p. 3, (1881).

Bengal, China.

Known as "Boropooloo," or "Pat Major."

Genus *Theophila*.

## 1101. THEOPHILA AFFINIS.

*Bombyx affinis*, Hutton, Geoghegan's "Silk in India," Appendix A, p. 3, (1871).

————— Journ. Agri.-Hort. Soc. India, N. S. iii, p. 131, (1872).

## 1102. THEOPHILA BENGALENSIS.

*Bombyx bengalensis*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 322, pl. 19, fig. 5, (1864-66).

*Theophila bengalensis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

————— Wardle's Wild Silks of India, p. 4, (1881).

Bengal.

## 1103. THEOPHILA HUTTONI.

*Bombyx huttoni*, Westw., Cat. Or. Ent. p. 26, pl. 12, fig. 4, (1848).

————— Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 379, (1859).

————— Hutton, Trans. Ent. Soc. Lond. 3, ii, p. 318, pl. 19, fig. 4, (1864-66).

*Theophila huttoni*, Moore, Wardle's, Wild Silks of India, p. 4, (1881).

I. M. No locality (Hutton?), Sikkim (purchased).

Collection Swinhoe, Simla.

Also recorded from Mussooree.



## 1104. THEOPHILA RELIGIOSA.

- Bombyx religiosa*, Helfer, Journ. As. Soc. Beng. vi, 41, 3, pl. 6, (1837).  
 ————— Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1855).  
 ————— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 325.  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.  
*Theophila religiosa*, Moore, Wardle's Wild Silks of India, p. 4, (1881).  
 E. Indies.

## 1105. THEOPHILA SHERWILLI.

- Bombyx sherwilli*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324, (1864-66).  
*Theophila sherwilli*, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.  
 ————— Wardle's Wild Silks of India, p. 4, (1881).  
 India.

Genus *Hanisa*.

## 1106. HANISA SUBNOTATA.

- Bombyx subnotata*, Walker, Journ. Linn. Soc. Lond. iii, p. 188, (1859).  
 ————— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324 (1864-66).  
*Hanisa subnotata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 406.  
 India, Singapore.

Genus *Primosticta*.

## 1107. PRIMOSTICTA FENESTRATA.

- Primosticta fenestrata*, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).  
 ————— Ill. Typ. Lep. Het. B. M. vi, p. 20, pl.  
 106, fig. 5, (1886).  
 Darjiling.

Genus *Ocinara*.

## 1108. OCINARA COMMA.

- Ocinara comma*, Hutton, Trans. Ent. Soc. Lond (3) ii, p. 330, (1864-66).  
 I. M., Dehra Dhun (Hutton?).

## 1109. OCINARA DIAPHANA.

- Ocinara diaphana*, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).  
 ————— Wardle's Wild Silks of India, p. 4, (1881).  
 Khasi Hills.

## 1110. OCINARA LACTEA.

- Ocinara lactea*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 328, pl. 19, fig.  
 6, (1864-66).  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.  
 ————— Wardle's Wild Silks of India, p. 3, (1881).  
 I. M. No locality (Hutton?), Kulu (purchased).  
 Collection Swinhoe, Simla.



## 1111. OCINARA MOOREI.

*Ocinara moorei*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 326, (1864-66).  
 ————— Moore, Wardle's Wild Silks of India, p. 4, (1881).

India.

Genus **Aristhala**.

## 1112. ARISTHALA SIKKIMA.

*Aristhala sikkima*, Moore, Proc. Zool. Soc. Lond. 1879, p. 406, pl. 33, fig.  
 3.

Darjiling.

## 1113. ARISTHALA THWAITESII.

*Aristhala thwaitesii*, Moore, Lep. Ceyl. ii, p. 136, pl. 133, fig. 2, (1882).

Ceylon.

## FAMILY NOTODONTIDÆ.

## SUB-FAMILY CAREINÆ.

Genus **Sybrida**.

## 1114. SYBRIDA INORDINATA.

*Sybrida inordinata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 466, (1865).  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

————— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 8,  
 (1886).

Darjiling.

Genus **Torona**.

## 1115. TORONA FERRIFERA.

*Torona ferrifera*, Walker, Cat. Lep. Het. B. M. xxxii, p. 468, (1865).

India.

Genus **Arunda**.

## 1116. ARUNDA OPPONENS.

*Arunda opponens*, Walker, Cat. Lep. Het. B. M. xxxii, p. 467, (1865).

S. India.

Genus **Dabarita**.

## 1117. DABARITA ICTERICA.

*Dabarita ictérica*, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439, pl. 40, fig. 8.

Collection Swinhoe, Mhow.



1118. *DABARITA SUBTILIS*.*Dabarita subtilis*, Walker, Cat. Lep. Het. B. M. x, p. 479, (1856).

————— Moore, Lep. Ceyl. ii, p. 117, pl. 123, figs. 3, 3a, (1882).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 408, pl. 14, figs. 4-4b.

————— Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, figs. 6, 7, (1886).

I. M., Calcutta (deNiceville), Andaman Is. (purchased).

Collection Swinhoe, Sikkim.

Also recorded from N. India, Ceylon, and Java.

Genus *Brada*.1119. *BRADA TRUNCATA*.*Brada truncata*, Walker, Cat. Lep. Het. B. M. xv, p. 1666, (1858).

————— Moore, Lep. Ceyl. ii, p. 118, pl. 122, figs. 2, 2a, 2b, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay, Poona, Khandalla.

Also recorded from Ceylon.

Genus *Carea*.1120. *CAREA OBSOLESCENS*.*Carea obsolescens*, Trans. Ent. Soc. Lond. 1884, p. 356.

Bombay, Coonoor.

1121. *CAREA VARIPES*.*Carea varipes*, Walker, Cat. Lep. Het. B. M. x, p. 475, (1856).

————— Moore, Lep. Ceyl. ii, p. 116, pl. 123, figs. 1, 1a, (1882).

*Chora curvifera*, Walker, Journ. Linn. Soc. Lond. vi, p. 188, (1862).*Dabarita rhodophila*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 718, (1865).

I. M., Sibsagar (Peal).

Also recorded from Ceylon, Malacca, Sarawak and Java.

Genus *Elydna*.1122. *ELYDNA TRANSVERSA*.*Elydna transversa*, Walker, Cat. Lep. Het. B. M. xv, p. 1713, (1858).

India.

## SUB-FAMILY DICRANURINÆ.

Genus *Cerura*.1123. *CERURA DAMODARA*.*Cerura damodara*, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

1124. *CERURA HIMALAYANA*.*Cerura himalayana*, Moore, MS.

Collection Swinhoe, Himalayas.



## 1125. CERURA PRASANA.

*Cerura prasana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.  
N.-E. Bengal.

Genus **Harpyia**.

## 1126. HARPYIA KANDYIA.

*Harpyia kandyia*, Moore, Lep. Ceyl. ii, p. 108, pl. 120, figs. 1, 1a, (1882).  
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.  
Also recorded from Ceylon.

## 1127. HARPYIA LITURATA.

*Cerura liturata*, Walker, Cat. Lep. Het. B. M. v, p. 988, (1855).  
Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, (1859).  
*Dicranura argentea*, Felder, Reise Novara, pl. 96, fig. 6, (1864-75).  
*Harpyia liturata*, Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 7, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal), Akra (Cleghorn),  
Goalpara.  
Collection Swinhoe, Sylhet, Sibsagar.  
Also recorded from Madras.

Genus **Stauropus**.

## 1128. STAUROPUS ALBESCENS.

*Stauropus albescens*, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.  
Collection Swinhoe, Bombay.  
Also recorded from South India.

## 1129 STAUROPUS ALTERNUS.

*Stauropus alternus*, Walker, Cat. Lep. Het. B. M. v, p. 1020, (1855).  
Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, pl. 18, figs. 4, 4a, (1859).  
Lep. Ceyl. ii, p. 109, pl. 119, figs. 1, 1a, 1b, (1882).

Collection Swinhoe, Simla.  
Also recorded from Sylhet, Kanara, Ceylon, and Java.

## 1130. STAUROPUS APICALIS.

*Stauropus apicalis*, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).  
Darjiling.

## 1131. STAUROPUS INDICUS.

*Stauropus indicus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.  
N.-E. Bengal.



## 1132. STAUIROPUS SIKKIMENSIS.

*Stauiropus sikkimensis*, Moore, Proc. Zool. Soc. Lond. 1865, i, p. 811, pl. 43, fig. 5.

Darjiling.

## 1133. STAUIROPUS VINACEUS.

*Stauiropus vinaceus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 404, pl. 33, fig. 1.

India.

## 1134. STAUIROPUS VIRESCENS.

*Stauiropus virescens*, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

Darjiling.

## SUB-FAMILY NOTODONTINÆ.

Genus *Anticyra*.

## 1135. ANTICYRA COMBUSTA.

*Anticyra combusta*, Walker, Cat. Lep. Het. B. M. v, p. 1092, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 432, pl. 13a, fig. 5, and pl. 23, figs. 3, 3a, (1859).

*Dinara lineolata*, Walker, loc. cit., vii, p. 1700, (1856).

Collection Swinhoe, Java, Karachi, Poona.

Also recorded from the Philippine Is.

Genus *Antheua*.

## 1136. ANTHEUA DISCALIS.

*Antheua discalis*, Walker, Cat. Lep. Het. B. M. iii, p. 767, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 431, pl. 13a, fig. 4, and pl. 23, figs. 2, 2a, (1859).

————— Butler, Ill. Typ. Lep. Het. vi, p. 12, pl. 104, figs. 2-3, (1886).

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Sibsagar (Peal), Kulu (purchased), Cherra.

Collection Swinhoe, Simla, Nilgiri Hills, Mhow, Bombay, Ceylon.

Also recorded from Moulmen, Burma, and Java.

## 1137. ANTHEUA EXANTHEMATA.

*Antheua exanthemata*, Moore, Lep. Ceyl. ii, p. 111, pl. 119, fig. 2, (not pl. 104,) (1882).

Ceylon.

Genus *Chadisra*.

## 1138. CHADISRA BIPARS.

*Chadisra bipars*, Walker, Trans. Ent. Soc. Lond. (3), i, p. 82, (1862-64).

————— Cat. Lep. Het. B. M. xxxii, p. 441, (1865).

India.



Genus **Sphetta**.1139. **SPHETTA APICALIS**.

*Sphetta apicalis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 457, (1865).  
                     Moore, Lep. Ceyl. ii, p. 114, pl. 121, figs. 2, 2a, (1882).  
 Ceylon.

1140. **SPHETTA BIOCELLATA**.

*Sphetta biocellata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 405.  
 Bombay.

1141. **SPHETTA MOOREI**.

*Sphetta apicalis*, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1879, p.  
 405, pl. 33, fig. 7.  
 Darjiling.

Genus **Besaia**.1142. **BESAIA RUBIGINEA**.

*Besaia rubiginea*, Walker, Cat. Lep. Het. B. M. xxxii, p. 459, (1865).  
                     Butler, Ill. Typ. Lep. Het. vi, p. 22, pl. 104, fig. 10,  
 (1886.)  
 India.

Genus **Ceira**.1143. **CEIRA BASISTRIGA**.

*Ceira basistriga*, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).  
 Darjiling.

1144. **CEIRA DECURRENS**.

*Ceira decurrens*, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).  
 Cherrapunji.

1145. **CEIRA JUNCTURA**.

*Ceira junctura*, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).  
 Darjiling.

1146. **CEIRA METAPHÆA**.

*Ceira metaphæa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).  
                     Moore, Lep. Ceyl. ii, p. 112, pl. 119, fig. 3, (1882).  
 Ceylon.

1147. **CEIRA OCHRACEA**.

*Ceira ochracea*, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).  
 Darjiling.

1148. **CEIRA POSTICA**.

*Ceira postica*, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).  
 Darjiling.



Genus **Niganda**.1149. **NIGANDA ALBISTRIGA.**

*Niganda albistriga*, Moore, Descr. Ind. Lep. Atk. i. p. 64, (1879).  
Darjiling.

1150. **NIGANDA AURATA.**

*Niganda aurata*, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).  
Collection Swinhoe, Darjiling.  
Also recorded from Khasi Hills.

1151. **NIGANDA DIVISA.**

*Niganda divisa*, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).  
Darjiling.

1152. **NIGANDA SIKKIMA.**

*Niganda sikkima*, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).  
Darjiling.

1153. **NIGANDA STRIGIFASCIA.**

*Niganda strigifascia*, Moore, Descr. Ind. Lep. Atk. i, p. 63, pl. 3, fig. 15,  
(1879).  
Darjiling.

Genus **Celeia**.1154. **CELEIA AURITRACTA.**

*Celeia auritracta*, Moore, Proc. Zool. Soc. Lond. 1865, p. 811.  
N.-E. Bengal.

1155. **CELEIA DISRUPTA.**

*Celeia disrupta*, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).  
Darjiling.

1156. **CELEIA PLUSIATA.**

*Celeia plusiata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 463, (1865).  
Kanara.

1157. **CELEIA SIKKIMA.**

*Celeia sikkima*, Moore, Descr. Ind. Lep. Atk. i, p. 63, (1879).  
Darjiling.

Genus **Paravetta**.1158. **PARAVETTA DISCINOTA.**

*Paravetta discinota*, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl 43.  
fig. 3.  
Darjiling.



## 1159. PARAVETTA SIKKIMA.

*Paravetta sikkima*, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).  
Darjiling.

Genus **Anodonta**.

## 1160. ANODONTA PULCHERRIMA.

*Anodonta pulcherrima*, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl. 43,  
fig. 4.  
N.-E. Bengal.

Genus **Lophopteryx**.

## 1161. LOPHOPTERYX ARGENTATA.

*Lophopteryx argentata*, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).  
————— Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).\*  
Darjiling.

## 1162. LOPHOPTERYX FERRUGINOSA.

*Lophopteryx ferruginosa*, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).  
————— Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).\*  
Darjiling.

## 1163. LOPHOPTERYX FLAVISTIGMA.

*Lophopteryx flavistigma*, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).  
Darjiling.

## 1164. LOPHOPTERYX SATURATA.

*Lophopteryx saturata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865),  
and xxxv, p. 1929, (1866).  
————— Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 1,  
(1886).  
I. M., Darjiling.

Genus **Drymonia**.

## 1165. DRYMONIA DENOTATA.

*Drymonia denotata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 414, (1865).  
N. India.

Genus **Cetola**.

## 1166. CETOLA DENTATA.

*Cetola dentata*, Walker, Cat. Lep. Het. B. M. v, p. 1016, (1855).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.  
————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 48.  
Collection Swinhoe, Mhow.  
Also recorded from Nepal.



Genus **Heterocampa**.1167. **HETEROCAMPA ARGENTIFERA.**

Heterocampa argentifera, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.  
Walker, Cat. Lep. Het. B. M. xxxv, p. 1930, (1866).

Collection Swinhoe, Darjiling.

1168. **HETEROCAMPA BASALIS.**

*Heterocampa basalis*, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).  
Darjiling.

1169. **HETEROCAMPA BRUNNEA.**

*Heterocampa brunnea*, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).  
Darjiling.

1170. **HETEROCAMPA IRRORATA.**

*Heterocampa irrorata*, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).  
Darjiling.

1171. **HETEROCAMPA MACULATA.**

Heterocampa maculata, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).  
Waterhouse, Aid. ii, pl. 132, fig. 6, (1883).\*

Collection Swinhoe, Darjiling.

1172. **HETEROCAMPA OBLIQUIPLAGA.**

*Heterocampa obliquiplaga*, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).  
Darjiling.

1173. **HETEROCAMPA PLAGIVIRIDIS.**

*Heterocampa plagiviridis*, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).  
Darjiling.

1174. **HETEROCAMPA SIKKIMA.**

Heterocampa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.  
Walker, Cat. Lep. Het. B. M. xxxv, p. 930, (1865).

Darjiling.

1175. **HETEROCAMPA VARIEGATA.**

*Heterocampa variegata*, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).  
Darjiling.



Genus **Cleapa**.1176. **CLEAPA LATIFASCIA.**

*Cleapa latifascia*, Walker, Cat. Lep. Het. B. M. v, p. 1037, (1855).  
E. Indies.

Genus **Gluphisia**.1177. **GLUPHISIA INDICA.**

*Gluphisia indica*, Walker, Cat. Lep. Het. B. M. v, p. 1039, (1855).  
Butler, Proc. Zool. Soc. Lond. 1883, p. 157.  
Collection Swinhoe, Simla, Dharmsala.

1178. **GLUPHISIA SINUATA.**

*Gluphisia sinuata*, Moore, Proc. Zool. Soc. Lond., 1879, p. 405.  
N.-E. Bengal.

Genus **Damata**.1179. **DAMATA LONGIPENNIS.**

*Damata longipennis*, Walker, Cat. Het. B. M. v, p. 1044, (1855).  
Butler, Ill. Typ. Lep. Het. B. M. vi, p. 24, pl. 106,  
fig. 10, (1886).  
I. M., Darjiling.  
Collection Swinhoe, Sikkim.

Genus **Nerice**.1180. **NERICE PALLIDA.**

*Nerice pallida*, Walker, Cat. Lep. Het. B. M. v, p. 1077, (1855).  
Moore, Proc. Zool. Soc. Lond. 1867, p. 683.  
Nepal.

Genus **Apela**.1181. **APELA DIVISA.**

*Apela divisa*, Walker, Cat. Lep. Het. B. M. v, p. 1093, (1855).  
Moore, Proc. Zool. Soc. Lond. 1867, p. 683.  
Nepal.

Genus **Pydna**.1182. **PYDNA FASCIATA.**

*Pydna fasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).  
Darjiling.  
Allied to *P. testacea*.

1183. **PYDNA INDICA.**

*Pydna indica*, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).  
Calcutta.



## 1184. PYDNA TESTACEA.

*Pydna testacea*, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).  
India.

Genus **Bireta**.

## 1185. BIRETA GALBANA.

*Bireta galbana*, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.  
Collection Swinhoe, Mhow.

## 1186. BIRETA LONGIVITTA.

*Bireta longivitta*, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).  
Collection Swinhoe, Simla, Sikkim.

## 1187. BIRETA XANTHOPHILA.

*Menapia xanthophila*, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).  
Moore, Proc. Zool. Soc. Lond. 1867, p. 682.  
Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 1, (1886).

N. India.

I. M., specimens with no history.

Genus **Dudusa**.

## 1188. DUDUSA SPHINGIFORMIS.

*Dudusa sphingiformis*, Moore, Proc. Zool. Soc. Lond. 1872, p. 577, pl. 34, fig. 1.  
I. M., Sikkim (purchased).

Genus **Nadata**.

## 1189. NADATA NIVEICEPS.

*Trabala niveiceps*, Walker, Cat. Lep. Het. B. M. xxxii, p. 554, (1865).  
*Nadata niveiceps*, Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 8, (1886).

N. India.

Genus **Notodonta**.

## 1190. NOTODONTA BASALIS.

*Notodonta basalis*, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.  
Darjiling.



1191. NOTODONTA EJECTA.

*Notodonta ejecta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 411, (1865).  
                     Moore, Lep. Ceyl. ii, p. 112, (1882).

## Ceylon.

## 1192. NOTODONTA SIKKIMA.

*Notodonta sikkima*, Moore, Descr. Ind. Lep. Atk. i, p. 68, (1879).  
Darjiling.

Genus **Ichthyura.**

1193. *ICHTHYURA ARGENTEA.*

*Ichthyura argentea*, Butler, Ill. Typ. Lep. Het B. M. vi, p. 24, pl. 102, fig. 12, (1886).

## Darjiling.

1194. *ICHTHYURA FERRUGINEA.*

*Ichthyura ferruginea*, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.  
N.-E. Bengal.

1195. *ICHTHYURA FULGURITA*.

*Ichthyura fulgurita*, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).

I. M., Calcutta.

Collection Swinhoe, Dharmasala.

Also recorded from South India and Shanghai.

1196. *ICHTHYURA INDICA.*

*Ichthyura indica*, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

Bengal.

1197. *ICHTHYURA RESTITURA.*

*Ichthyura restituta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).  
Moore, Lep. Ceyl. ii, p. 115, pl. 122, figs. 1, 1a, 1b,  
(1882).

\_\_\_\_\_ Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Subathoo, Mhow, Poona.

Also recorded from Ceylon.

Genus **Ingura.**

1198. *INGURA CRISTATRIX.*

*Ingura cristatrix*, Guen., Noct. iii, p. 313, 1122.\*  
 ———— Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

Andaman Is.

1199. *INGURA SUBAPICALIS*.

*Abrostola, subapicalis*, Walker, Cat. Lep. Het. B. M. xii, p. 883, (1857).  
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

*Inguira recurrens*, Walker, *loc. cit.*, xv, p. 1779, (1858).

*Ingura subapicalis*, Butler, Proc. Zool. Soc. Lond. (1883), p. 157.

Collection Swinhoe, Simla, Darjiling, Karachi.

Also recorded from Solun and Calcutta.



Genus **Ptilophora**.1200. **PTILOPHORA KASHGHARA**.*Ptilophora kashghara*, Moore, Ann. Nat. Hist. (5), i, p. 231, (1878).

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2nd Yarkand Mission Lep., p. 8, pl. 1,  
fig. 19, (1879).

Kashgar.

Genus **Tarsolepis**.1201. **TARSOLEPIS FULGURIFERA**.*Crino fulgurifera*, Walker, Cat. Lep. Het. B. M. xiv, p. 1347, (1857).*Tarsolepis fulgurifera*, Butler, Ill. Typ. Lep. Het. vi, p. 23, pl. 106, fig. 9,  
(1886).

N. India.

Genus **Rosama**.1202. **ROSAMA PLUSIOIDES**.*Rosama plusioides*, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).

Darjiling.

Genus **Spatalia**.1203. **SPATALIA GEMMIFERA**.*Spatalia gemmifera*, Moore, Descr. Ind. Lep. Atk. i, p. 62, pl. 3, fig. 14,  
(1879).

I. M., Sikkim (purchased).

Genus **Hoplitis**.1204. **HOPLITIS STRIGATA**.*Hoplitis strigata*, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 13,  
(1879).

Kanara.

Genus **Pheosia**.1205. **PHEOSIA ALBIFASCIA**.*Pheosia albifascia*, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).

Darjiling.

1206. **PHEOSIA BASALIS**.*Pheosa* (sic) *basalis*, Moore, Lep. Ceyl. ii, p. 113, pl. 121, figs. 1, 1 $\alpha$ , (1882).

Ceylon.

1207. **PHEOSIA COSTALIS**.*Pheosia costalis*, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).

Darjiling.



1208. *PHEOSIA SIKKIMA*.

*Pheosia sikkima*, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).  
Darjiling.

Genus *Rachia*.1209. *RACHIA PLUMOSA*.

*Rachia plumosa*, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).  
Proc. Zool. Soc. Lond. 1879, p. 405, pl. 34,  
fig. 1.  
Darjiling.

Genus *Danaka*.1210. *DANAKA PYRALIFORMIS*.

*Danaka pyraliformis*, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 3, fig. 10,  
(1879).  
Darjiling.

Genus *Beara*.1211. *BEARA CASTANEA*.

*Beara castanea*, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 2, fig. 9, (1879).  
Darjiling.

1212. *BEARA DICHROMELLA*.

*Beara dichromella*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1703, (1866).  
Moore, Lep. Ceyl. ii, p. 115, pl. 123, figs. 2, 2a, (1882).  
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.  
Also recorded from Ceylon.

Genus *Moma*.1213. *MOMA CHAMPA*.

*Moma champa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 403, pl. 33, fig. 2.  
Collection Swinhoe; Kasauli.  
Also recorded from Dharmasala.

Genus *Oxicesta*.1214. *OXICESTA MARMOREA*.

*Oxicesta marmorea*, Moore, 2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 17,  
(1879).  
I. M., Yarkand.

Genus *Netria*.1215. *NETRIA VIRIDESCENS*.

*Netria viridescens*, Walker, Cat. Lep. Het. B. M. vi, p. 1504, (1855).  
Moore, Cat. Lep. Mus. E. I. C. ii, p. 372, pl. 11a, fig. 3,  
(1859).  
Lep. Ceyl. ii, p. 110, pl. 120, figs. 2, 2a, (1882).  
Ceylon, Java.



Genus *Baradesa*.1216. *BARADESA LITHOSIOIDES*.

*Baradesa lithosioides*, Moore, Proc. Zool. Soc. Lond. 1883, p. 17, pl. 5, fig. 2.

I. M., Sikkim (purchased), Sylhet.  
Collection Swinhoe; Sikkim.

Genus *Zaranga*.1217. *ZARANGA PANNOSA*.

*Zaranga pannosa*, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.

Collection Swinhoe, Simla.

Also recorded from Umballa.

## SUB-FAMILY CALPINÆ.

Genus *Calpe*.1218. *CALPE BICOLOR*.

*Calpe bicolor*, Moore, Proc. Zool. Soc. Lond. 1883, p. 19.  
————— Waterhouse, Aid, iii, pl. 150, fig. 4.\*

Punjab.

Allied to *C. ophideroides*.

1219. *CALPE FASCIATA*.

*Calpe fasciata*, Moore, Ind. Lep. Atk. ii, p. 151, (1882).

*Hypocalpe fasciata*, Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

Collection, Swinhoe, Simla, Sikkim, Bombay.

Also recorded from Solun.

1220. *CALPE MINUTICORNIS*.

*Calpe minuticornis*, Guen., Noct. ii, p. 374, (1852).\*

————— Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

————— Lep. Ceyl. iii, p. 78, pl. 153, figs. 3, 3a, (1884).

————— Proc. Zool. Soc. Lond. 1883, p. 19.

Collection Swinhoe, Darjiling.

Also recorded from Java, Bombay, Ceylon.

1221. *CALPE OPHIDEROIDES*.

*Calpe ophideroides*, Guen., Noct. ii, p. 374, (1852).\*

————— Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).

Also recorded from Nepal, Landaur, Singapore.

Collection Swinhoe, Simla.



## 1222. CALPE ORTHOGRAPTA.

*Calpe orthograptæ*, Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 2,  
(1886).

I. M., Darjiling (purchased).

Genus *Gadera*.

## 1223. GADERA INCITANS.

*Gadera incitans*, Walker, Cat. Lep. Het. B. M. xii, p. 964, (1857).

————— Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, fig. 5, (1886).

N. India.

Genus *Oræsia*.

## 1224. ORÆSIA ARGYROSIGNA.

*Oræsia argyrosigna*, Moore, Lep. Ceyl. iii, p. 77, pl. 153, fig. 4, (1884).

Ceylon.

## 1225. ORÆSIA EMARGINATA.

*Noctua emarginata*, Fabr., Ent. Syst. iii, 2, p. 82, 240, (1794).

*Oræsia emarginata*, Guen., Noct. ii, p. 363, 1203, (1852).\*

————— Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

————— Lep. Ceyl. iii, p. 76, pl. 153, figs. 2, 2a, (1884).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301; and  
1886, p. 439.

————— Proc. Zool. Soc. Lond. 1886, p. 438.

————— Butler, Ill. Typ. Lep. Het. vi, p. 26, pl. 107, fig. 4,  
(1886.)

*Oræsia alliciens*, Walker, *loc. cit.*, p. 945, (1857).

*Oræsia tentans*, Walker, *loc. cit.*

I. M., Darjiling, Ceylon (Colombo Museum).

Collection Swinhoe, Simla, Sylhet, Mhow, Poona, Bombay,  
Ceylon.

Also recorded from China.

## 1226. ORÆSIA PROVOCANS.

*Oræsia provocans*, Walker, Cat. Lep. Het. B. M. xii, p. 943, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Sylhet, S. Africa.

## 1227. ORÆSIA RECTISTRIA.

*Oræsia rectistria*, Guen., Noct. ii, p. 363, 1204, (1852).\*

————— Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Collection Swinhoe, Sylhet.



## 1228. ORÆSIA VAGABUNDA.

*Oræsia vagabunda*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47,  
fig. 5.

Collection Swinhoe, Karachi.

Genus *Cyphanta*.

## 1229. CYPHANTA XANTHOCHLORA.

*Cyphanta xanthochlora*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 856,  
(1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 25, pl.  
107, fig. 3, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus *Arsacia*.

## 1230. ARSACIA FRONTIRUFA.

*Arsacia frontirufa*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301, pl. 20,  
fig. 12.

Bombay.

## 1231. ARSACIA SATURATALIS.

*Arsacia saturatalis*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1260, (1865).

*Arsacia saturalis*, Moore, Lep. Ceyl. iii, p. 78, pl. 152, fig. 8, (1884).

Ceylon.

Genus *Culasta*.

## 1232. CULASTA INDECISA.

*Culasta indecisa*, Moore, Proc. Zool. Soc. Lond. 1881, p. 377.

————— Descr. Ind. Lep. Atk. ii, p. 151, (1882).

Collection Swinhoe, Bombay, Satara.

Also recorded from Madras and Benares.

Genus *Ambadra*.

## 1233. AMBADRA ERNESTINA.

*Corma ernestina*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 20,  
fig. 2.

Collection Swinhoe, Bombay.



## FAMILY DREPANULIDÆ.

Genus *Thymistada*.

## 1234. THYMISTADA TRIPUNCTATA.

*Thymistada tripunctata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 515,  
(1865).  
India.

Genus *Drepana*.

## 1235. DREPANA ALBONOTATA.

*Drepana albonotata*, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).  
Collection Swinhoe, Sikkim.  
Also recorded from Parisnath.

## 1236. DREPANA BIOULARIS.

*Drepana biocularis*, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 9,  
(1879).  
Darjiling.

## 1237. DREPANA DUPLEXA.

*Drepana duplexa*, Moore, Proc. Zool. Soc. Lond. 1865, p. 816, pl. 43,  
fig. 8.  
Darjiling.

## 1238. DREPANA FLAVA.

*Drepana flava*, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 7, (1879).  
Darjiling.

## 1239. DREPANA PALLIDA.

*Drepana pallida*, Moore, Descr. Ind. Lep. Atk. i, p. 84, (1879).  
Darjiling.

## 1240. DREPANA PATRANA.

*Drepana patrana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 816.  
Darjiling.

## 1241. DREPANA POSTICA.

*Drepana postica*, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 8, (1879).  
Darjiling.

## 1242. DREPANA SADANA.

*Drepana sadana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.  
Darjiling.



## 1243. DREPANA SPECULARIS.

*Drepana specularis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 407.

————— Lep. Ceyl. ii, p. 120, pl. 124, fig. 2, (1882).

————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 18, pl. 106, fig. 3, (1886).

Darjiling, Ceylon.

## 1244. DREPANA VINACEA.

*Drepana vinacea*, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).

Darjiling.

## 1245. DREPANA VIRA.

*Drepana vira*, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.

Collection Swinhoe, Simla, Darjiling.

Genus *Oreta*.

## 1246. ORETA EXTENSA.

*Oreta extensa*, Walker, Cat. Lep. Het. B. M. v, p. 1166, (1855).————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 370, pl. 11a, fig. 2; and  
pl. 18, fig. 3, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 683.

————— Lep. Ceyl. ii, p. 119, pl. 124, figs. 3, 3a, (1882).

*Oreta suffusa*, Walker, *loc. cit.*, p. 1167, (1855).

Collection Swinhoe, Simla.

Also recorded from Java and Ceylon.

## 1247. ORETA OBTUSA.

*Oreta obtusa*, Walker, Cat. Lep. Het. B. M. v, p. 1167, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Sylhet.

## 1248. ORETA PAVICA.

*Oreta pavica*, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.

Darjiling.

## 1249. ORETA SANGUINEA.

*Oreta sanguinea*, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).

Collection Swinhoe, Darjiling.

## 1250. ORETA VATAMA.

*Oreta vatama*, Moore, Proc. Zool. Soc. Lond. 1865, p. 816.

Darjiling.



Genus **Lonomia**.1251. **LONOMIA VITTIPALPIS.**

*Lonomia vittipalpis*, Walker, Char. Undescr. Lep. Het. 1869, p. 90.  
Benares.

Genus **Callidrepana**.1252. **CALLIDREPA NAOCHREA.**

*Callidrepana ochrea*, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, fig. 10,  
(1886).  
Darjiling.

Genus **Agnidra**.1253. **AGNIDRA DISCISPILARIA.**

*Agnidra discispilaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 619.  
Bengal.

1254. **AGNIDRA MUSCULARIA.**

*Fascellina muscularia*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1554, (1866).  
*Agnidra muscularia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 619, pl. 32,  
fig. 2.  
N. India.

1255. **AGNIDRA SPECULARIA.**

*Fascellina specularia*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1553, (1866).  
*Agnidra specularia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 618, pl. 32, fig. 2.  
Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, figs. 11,  
12, (1886).  
Darjiling.

1256. **AGNIDRA USTA.**

*Agnidra usta*, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 106, fig. 2, (1886).  
Darjiling.

Genus **Auzata**.1257. **AUZATA SEMIPAVONARIA.**

*Auzata semipavonaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1620, (1862).  
Butler, Ill. Typ. Lep. Het. vi, p. 18, pl. 106, fig. 1,  
(1886).  
Collection Swinhoe, Simla.

Genus **Macrocilix**.1258. **MACROCILIX MYSTICATA.**

*Argyris mysticata* Walker, Cat. Lep. Het. B. M. xxvi, p. 1617, (1862).  
Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 4,  
(1886).  
*Macrocilix mysticata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.  
Collection Swinhoe, Dharmasala.  
Also recorded from Darjiling.



Genus *Argyris*.1259. *ARGYRIS DELIARIA*.

*Argyris deliaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1861).

Collection Swinhoe, Simla, Sikkim, Matheran, Khandalla, Ceylon.

Also recorded from Sylhet, Nepal, and Hongkong.

1260. *ARGYRIS DELPHIARIA*.

*Argyris delphiaria*, Guen., Phal. ii, p. 14, 911.\*

———— Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1864).

Punjab.

Allied to *A. deliaria*.

1261. *ARGYRIS EXTRUSATA*.

*Ephyra extrusata*, Walker, Cat. Lep. Het. B. M. xxii, p. 637, (1861).

*Argyris extrusata*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

Collection Swinhoe, Mhow, Mirzapore, Bombay, Poona.

Also recorded from Ceylon.

1262. *ARGYRIS INSIGNATA*.

*Argyris insignata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

Bengal.

1263. *ARGYRIS OCELLATA*.

*Argyris ocellata*, Herrich Schaff. Eur. Schmett. iii, p. 97, pl. 23, figs. 125, 126.\*

———— Walker, Cat. Lep. Het. F. M. xxiii; p. 807, (1861).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

———— Journ. As. Soc. Beng. liii, (2), 3, p. 237, (1884).

*Caloptera ocellata*, Walker, loc. cit. vi, p. 1377 (1855).

*Argyris ommatoporaria*, Guen., Phal. ii, p. 13.\*

Bengal, Crete, Syria.

Genus *Cobanilla*.1264. *COBANILLA MARGINATA*.

*Cobanilla marginata*, Moore, Lep. Ceyl. ii, p. 121, pl. 124, fig. 4, (1882)

Ceylon.

## FAMILY LIMACODIDÆ.

Genus *Scopelodes*.1265. *SCOPELODES AUROGRISEA*.

*Scopelodes aurogrisea*, Moore, Lep. Ceyl. ii, p. 126, pl. 128, figs. 1, 1a, 1b, (1882).

Ceylon.



1266. SCOPELODES PALPALIS.

*Scopelodes palpalis*, Walker, Cat. Lep. Het. B. M. v, p. 1105, (1855).  
Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, pl. 21, figs.  
2, 2a, (1859).

*Dalcera palpigera*, Herr Schaff., Lep. Exot. Nov. Ser. i, fig. 109, (1856).\*

Collection Swinhoe, Assam.  
Also recorded from Java.

## 1267. SCOPELODES SERICEA.

*Scopelodes sericea*, Butler, Ann. Mag. N. H. (5), vi, p. 63, (1880).  
                                         Ill. Typ. Lep. Het. vi, p. 3, pl. 101, fig. 61 (1886).

I. M., Sikkim (purchased).  
Allied to *S. testacea*.

1268. SCOPELODES TESTACEA.

*Scopelodes testacea*, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, fig. 5, (1886).

*Scopelodes unicolor*, Walker (nec Westw.), Cat. Lep. Het. B. M. v, p. 1104, (1855).

I. M., Sikkim (purchased).  
Collection Swinhoe, Darjiling.  
Also recorded from Sylhet and Moulmein.

1269. SCOPELODES URSINA.

*Scopelodes ursina*, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, figs. 7, 8, (1886).

I. M., Sikkim (purchased).  
Also recorded from Sylhet.  
Allied to *S. vulpina*.

1270. SCOPELODES VENOSA.

*Scopelodes venosa*, Walker, Cat. Lep. Het. B. M. v, p. 1105.  
Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Darjiling.  
Also recorded from Sylhet.

1271. SCOPELODES VULPINA.

*Scopelodes vulpina*, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 22, (1879).

## Darjiling.

Genus **Natada.**

1272. NATADA BASALIS.

*Natada basalis*, Walker, Cat. Lep. Het. B. M. v, p. 1110, (1855).  
                 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303, and 1886,  
                     p. 439.

Collection Swinhoe, Bombay, Mhow.



## 1273. NATADA RUFESCENS.

*Natada rufescens*, Walker, Cat. Lep. Het. B. M. v, p. 1109, (1855).  
                     Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 10,  
 (1886).

N. India.

## 1274. NATADA VELUTINA.

*Gastropacha velutina*, Kollar, Kaschmir Von Hügel, iv, p. 473, (1848).  
                     Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).  
*Natada rugosa*, Walker, *loc. cit.*, p. 1109, (1855).  
*Phocoderma, velutina*, Butler, Ill. Typ. Lep. Het. vi, p. 4, pl. 102, fig. 1,  
 (1886).

I. M., Sikkim (purchased), Cachar (Wood-Mason).

Collection Swinhoe, Malda, Poona.

Also recorded from Mussooree and Sind.

Genus **Thosea**.

## 1275. THOSEA CERVINA.

*Thosea cervina*, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).  
                     Lep. Ceyl. ii, p. 130, pl. 129, figs. 2, 2a, (1882).

Ceylon.

## 1276. THOSEA DUPLEXA.

*Thosea duplexa*, Moore, Lep. Ceyl. ii, p. 130, pl. 131, fig. 3, (1882).

I. M., Sibsagar.

Also recorded from Ceylon.

## 1277. THOSEA UNIFASCIA.

*Thosea unifascia*, Walker, Cat. Lep. Het. B. M. v, p. 1068, (1855).

India.

Genus **Contheyla**.

## 1278. CONTHEYLA THORACICA.

*Contheyla thoracica*, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 7,  
 (1879).

Darjiling.

## 1279. CONTHEYLA VESTITA.

*Contheyla vestita*, Walker, Cat. Lep. Het. B. M. xxxii, p. 385, (1865).

S. India.

Genus **Parasa**.

## 1280. PARASA APICALIS.

*Limacodes apicalis*, Walker, Cat. Lep. Het. B. M. v, p. 1150, (1855).  
*Parasa apicalis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet.



1281. *PARASA BICOLOR*.

*Neæra bicolor*, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).  
*Parasa bicolor*, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 11, (1886).

I. M., Calcutta, Sibsagar (Peal).  
 Collection Swinhoe, Sikkim, N. Canara.

1282. *PARASA HILARIS*.

*Limacodes hilaris*, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 3, (1848).  
*Neæra hilaris*, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).

Central India.

1283. *PARASA ISABELLA*.

*Parasa isabella*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, (1859).  
 ————— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Bengal.

1284. *PARASA LÆTA*.

*Limacodes læta*, Westw., Cab. Or. Ent., p. 50, (1848).  
*Nyssia læta*, Walker, Cat. Lep. Het. B. M. v, p. 1137, (1855).  
*Parasa retracta*, Walker, *loc. cit.*, xxxii, p. 483, (1865).  
*Parasa læta*, Moore, Lep. Ceyl. ii, p. 127, pl. 130, fig. 1, (1882).

I. M., Calcutta (Anderson).  
 Collection Swinhoe, Canara.  
 Also recorded from Ceylon.

1285. *PARASA LALEANA*.

*Parasa laleana*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 417, pl. 21, fig. 12, (1859).  
 ————— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

1286. *PARASA LEPIDA*.

*Phalæna Noctua lepida*, Cramer, Pap. Exot. ii, pl. 130, fig. 2, (1777).  
*Limacodes graciosa*, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 4, (1848).  
*Neæra graciosa*, Walker, Cat. Lep. Het. B. M. v, p. 1139, (1855).  
 ————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.  
*Parasa lepida*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, pl. 21, figs. 3a, b, c, d, (1859).  
 ————— Proc. Zool. Soc. Lond. 1867, p. 684.  
 ————— Lep. Ceyl. ii, p. 127, pl. 128, figs. 2, 2a, 2b, (1882).  
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303 and 1886, p. 439.

I. M., Calcutta (Anderson, DeNiceville).  
 Collection Swinhoe, Mhow, Bombay, Ceylon.



## 1287. PARASA NARARIA.

*Parasa nararia*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 8, 8a, (1859).

———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India.

## 1288. PARASA PASTORALIS.

*Parasa pastoralis*, Butler, Ann. Mag. N. H. (5), vi, p. 63, (1880).

———— Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 9, (1886)

Bhotan.

## 1289. PARASA PUNICA.

*Neæra punica*, Boisd., Herr Schäff., Lep. Exot. i, fig. 177.\*

———— Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).

*Parasa punica*, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Sylhet.

## 1290. PARASA REPANDA.

*Neæra repanda*, Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).

*Parasa repanda*, Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 5, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal).

## 1291. PARASA RETRACTATA.

*Limacodes retractata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 487, (1865)  
and xxxv, p. 1938, (1866).

Collection Swinhoe, Darjiling.

## 1292. PARASA SIMILIS.

*Letois similis*, Felder, Reise Novara, pl. 82, fig. 15, (1864-75).

*Parasa similis*, Moore, Lep. Ceyl. ii, p. 128, pl. 130, fig. 2, (1882).

Ceylon.

## 1293. PARASA UNICOLOR.

*Parasa unicolor*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 7 7a, (1859).

———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

Genus **Aphendala**.

## 1294. APHENDALA APERIENS.

*Miresa aperiens*, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).

*Aphendala aperiens*, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 4, 4a, (1882).

I. M., Ceylon (Colombo Museum).



## 1295. APHENDALA CANA.

*Parasa cana*, Walker, Cat. Lep. Het. B. M. xxxii, p. 484, (1865).

*Aphendala cana*, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 3, 3a, 3b, (1882).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Collection Swinhoe, Poona.

Also recorded from S. India and Ceylon.

## 1296. APHENDALA DIVARICATA.

*Aphendala divaricata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.

I. M., Cachar (Wood-Mason, Type), Sibsagar (Peal).

## 1297. APHENDALA OCHRACEA.

*Aphendala ochracea*, Moore, Lep. Ceyl. ii, p. 129, pl. 129, figs. 3, 3a, (1882).

Ceylon.

## 1298. APHENDALA TRANSVERSATA.

*Aphendala transversata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 495, (1865).

———— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 8, (1886).

Collection Swinhoe, Kulu.

Also recorded from S. India.

## 1299. APHENDALA TRIPARTITA.

*Aphendala tripartita*, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.

———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 398, pl. 14, fig. 14.

———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.

Collection Swinhoe, Mhow.

Also recorded from Manpuri and Jubbulpore.

Genus **Rabila**.

## 1300. RABILA FRONTALIS.

*Rabila frontalis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 508, (1865).

———— Moore, Lep. Ceyl. ii, p. 135, pl. 132, fig. 5, (1882).

Ceylon.

Genus **Susica**.

## 1301. SUSICA COSMIANA.

*Susica cosmiana*, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440, pl. 40, fig. 9.

Collection Swinhoe, Mhow.

Allied to *S. fraterna*.

## 1302. SUSICA FRATERNA.

*Susica fraterna*, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 2, 2a, (1882).

Ceylon.



1303. *SUSICA* *PALLIDA*.

*Susica pallida*, Walker, Cat. Lep. Het. B. M. v, p. 1114, (1855).  
                     Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 4, (1886).  
 E. Indies, Nepal.

1304. SUSICA SIGNATA.

*Susica signata*, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 1, 1a, 1b, (1882).  
Ceylon.

Genus **Miresa.**

1305. *MIRESA ALBIPUNCTA*.

*Nyssia albipuncta*, Herr Schaff, Lep. Exot. i, fig. 179.\*  
*Miresa albipuncta*, Walker, Cat. Lep. Het. B. M. v, p. 1123, (1855).  


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*—————* Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397, pl.  
14, figs. 8—8c.  


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*—————* Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.  
*Miressa* (sic) *albipuncta*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, (1859).  
Collection Swinhoe, Mhow, Darjiling.

1306. *MIRESA ARGENTIFERA.*

*Miresa argentifera*, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1865).  
 ——— Moore, Lep. Ceyl. ii, p. 128, pl. 129, figs. 1, 1a, (1882).  
 I. M., Sibsagar, Shillong.  
 Collection Swinhoe, North Canara.  
 Also recorded from Ceylon.

1307. MIRESA BRACTEATA.

*Miresa bracteata*, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880).  
 ————— Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 2, (1886).  
 Collection Swinhoe, Darjiling.

1308. *MIRESA BREVILINEA.*

*Miresa brevilinea*, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).  
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.  
 Darjiling.

1309. MIRESA CASTANEIPARS.

*Miresa castaneipars*, Moore, Proc. Zool. Soc. Lond. 1865, p. 819.  
 ————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1936, (1866).  
 Darjiling.

1310. MIREs ACUPREA.

*Miresa cuprea*, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 8, (1879).  
Darjiling.



## 1311. MIRESA DECEDENS.

*Miresa decedens*, Walker, Cat. Lep. Het. v, p. 1125, (1855).  
                     Butler, Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 3, (1886).

N. India.

## 1312. MIRESA GUTTIFERA.

*Miresa guttifer*a, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1855).

E. Indies.

## 1313. MIRESA INORNATA.

*Miresa inornata*, Walker, Cat. Lep. Het. B. M. v, p. 1125, (1855).

Collection Swinhoe, Kunawar.

Also recorded from Bengal.

## 1314. MIRESA MOLLIS.

*Miresa mollis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).

S. India.

## 1315. MIRESA NIVAHA.

*Miressa* (sic) *nivaha*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).

*Miresa nivaha*, Walker, Cat. Lep. Het. B. M. xxxii, p. 474, (1865).

Kanara.

Genus **Nyssia**.

## 1316. NYSSIA HERBIFERA.

*Nyssia herbifera*, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855).

                     Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

*Neomiresa herbifera*, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 6,  
 (1886).

Nepal.

## 1317. NYSSIA LATIFASCIA.

*Nyssia latifascia*, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855).

                     Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Nepal.

Genus **Narosa**.

## 1318. NAROSA ADALA.

*Narosa adala*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, pl. 11, fig. 14;  
 and pl. 21, fig. 13, (1859).

                     Lep. Ceyl. ii, p. 132, pl. 132, figs. 3, 3a, (1882).

Ceylon, Java.



1319. *NAROSA CONSPERSA*.*Narosa conspersa*, Walker, Cat. Lep. Het. B. M. v, p. 1151, (1855).————— Nietner, Obs. Enemies of Coffee in Ceylon, p. 20,  
(1861).\*————— Moore, Lep. Ceyl. ii, p. 132, pl. 132, figs. 2, 2a, 2b,  
(1882).

Collection Swinhoe, Canara, Mahableshwar, Ceylon.

1320. *NAROSA RUFOTESSELLATA*.*Narosa rufotessellata*, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig.  
24 (1879).

Darjiling.

Genus *Cania*.1321. *CANIA SERICEA*.*Cania sericea*, Walker, Cat. Lep. Het. B. M. v, p. 1178, (1855).

————— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 7, (1886).

N. India.

Genus *Cheromettia*.1322. *CHEROMETTIA FERRUGINEA*.*Belippa ferruginea*, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).*Cheromettia ferruginea*, Moore, Lep. Ceyl. ii, p. 134, pl. 132, figs. 1, 1a, 1b,  
(1882).

Ceylon.

Genus *Belippa*.1323. *BELIPPA APICATA*.*Belippa apicata*, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).

Darjiling.

Genus *Monema*.1324. *MONEMA OCELLATA*.*Monema ocellata*, Moore, Descr. Ind. Lep. Atk. i, p. 74, (1879).

I. M., Sikkim (purchased), Shillong, Khasi Hills.

Collection Swinhoe, Darjiling.

Genus *Setora*.1325. *SETORA DIVERGENS*.*Setora divergens*, Moore, Descr. Ind. Lep. Atk. i, p. 75, pl. 3, fig. 23,  
(1879).

I. M., Sibsagar (Peal).

Also recorded from Sikkim.



Genus **Candyba**.1326. **CANDYBA PUNCTATA**.

*Candyba punctata*, Walker, Cat. Lep. Het. B. M. vii, p. 1761, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, (1859).

————— Lep. Ceyl. ii, p. 133, pl. 132, fig. 4, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

————— *loc. cit.* 1886, p. 438.

*Belgoræa subnotata*, Walker, *loc. cit.*, xxxii, p. 497, (1865).

I. M., Kulu (purchased), Sibsagar.

Collection Swinhoe, Solon, Poona, Mhow, Punjab, Candy, Ceylon.

Family **LASIOCAMPIDÆ**.Genus **Bharetta**.1327. **BHARETTA CINNAMOMEA**.

*Bharetta cinnamomea*, Moore, Proc. Zool. Soc. Lond. 1865, p. 820, pl. 43, fig. 6.

Darjiling.

Genus **Andraca**.1328. **ANDRACA BIPUNCTATA**.

*Andraca bipunctata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 582, (1865).

—————, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

India.

1329. **ANDRACA TRILOCHOIDES**.

*Andraca trilochoides*, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

————— Waterhouse, Aid. ii, pl. 132, figs. 1, 2, (1883).\*

I. M., Sibsagar (Peal).

Also recorded from Sikkim.

Genus **Cifuna**.1330. **CIFUNA LOCUPLES**.

*Cifuna locuples*, Walker, Cat. Lep. Het. B. M. v, p. 1173, (1855).

————— Butler, Ill. Typ. Lep. Het. ii, p. 18, pl. 27, fig. 6, (1878).

Collection Swinhoe, Khasi Hills.

Also recorded from Sylhet and Yokohama.

Genus **Trisula**.1331. **TRISULA VARIEGATA**.

*Trisula variegata*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 420, pl. 12a, fig. 1; and pl. 22, figs. 1, 1a, 1b, (1859).

————— Walker, Cat. Lep. Mus. Het. B. M. xxxii, p. 576, (1865).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305, pl. 21, fig. 7; and 1886, p. 440.

Collection Swinhoe, Mhow, Poona, Bombay.

Also recorded from Madras.



Genus **Horanpella**.1332. **HORANPELLA PLACIDA**.

*Horanpella placida*, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 1, 1a, (1882).  
Ceylon.

Genus **Clisiocampa**.1333. **CLISIOCAMPA INDICA**.

*Clisiocampa indica*, Walker, Cat. Lep. Het. B. M. vi, p. 1489, (1855).  
E. Indies.

Genus **Chilena**.1334. **CHILENA SIMILIS**.

*Chilena similis*, Walker, Cat. Lep. Het. B. M. v, p. 1071, (1855).  
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).  
————— Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Punjab, Sind.  
Also recorded from Nepal.

1335. **CHILENA STRIGULA**.

*Lasiocampa strigula*, Walker, Cat. Lep. Het. B. M. xxxii, p. 563, (1865).  
*Chilena strigula*, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404, pl. 14, figs.  
6, 6a, 6b.  
S. India, Mhow.

Genus **Hondella**.1336. **HONDELLA JUVENIS**.

*Ptilomacra juvenis*, Walker, Cat. Lep. Het. B. M. v, p. 1099, (1855).  
*Hondella juvenis*, Moore, Lep. Ceyl. ii, p. 144, pl. 137, fig. 4, (1882).  
Ceylon.

Genus **Alompra**.1337. **ALOMPRA FERRUGINEA**.

*Alompra ferruginea*, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 33,  
fig. 8.  
I. M., N. Khasi Hills, Sikkim (purchased).

Genus **Pandala**.1338. **PANDALA DOLOSA**.

*Pandala dolosa*, Walker, Cat. Lep. Het. B. M. iv, p. 922, (1855).  
————— Moore, Lep. Ceyl. ii, p. 140, pl. 134, fig. 5, (1882).  
Ceylon.



Genus *Gangarides*.1339. *GANGARIDES DHARMA*.

*Gangarides dharmia*, Moore, Proc. Zool. Soc. Lond. 1865, p. 821, pl. 43, fig. 7.

I. M., Sikkim (purchased).  
Collection Swinhoe, Darjiling.

1340. *GANGARIDES ROSEA*.

*Apona rosea*, Walker, Cat. Lep. Het. B. M. xxxii, p. 513, (1865).  
*Gangarides rosea*, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Genus *Apha*.1341. *APHA FLAVA*.

*Apha flava*, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.  
Nilgiri Hills.

1342. *APHA FLORALIS*.

*Apha floralis*, Butler, Ill. Typ. Lep. Het. v, p. 64, pl. 94, figs. 5, 6, (1881).  
Collection Swinhoe, Darjiling.

1343. *APHA LANUGINOSA*.

*Apha lanuginosa*, Walker, Trans. Ent. Soc. Lond. Ser. 3, i, p. 83, (1862-64).  
————— Walker, Cat. Lep. Het. B. M. xxxii, p. 512, (1865).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

1344. *APHA SUBDIVES*.

*Apha subdives*, Walker, Cat. Lep. Het. B. M. v, p. 1180, (1855).  
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10a, fig. 4.  
————— Proc. Zool. Soc. Lond. 1867, p. 681.  
—————, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 94, figs. 7, 8, (1881).

I. M., Shillong, Khasi Hills, Cherra.  
Collection Swinhoe, Shillong, Khasi Hills.  
Also recorded from Sylhet.

Genus *Ganisa*.1345. *GANISA PALLIDA*.

*Ganisa pallidia*, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, fig. 3, (1881).

I. M., Sikkim (purchased).  
Also recorded from Bhotan.



## 1346. GANISA PLANA.

*Ganisa plana*, Walker, Cat. Lep. Het. B. M. v, p. 1191, (1855).                     Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs. 4, 5, (1881).

Collection Swinhoe, Sylhet.

Also recorded from Sikkim.

## 1347. GANISA POSTICA.

*Ganisa postica*, Walker, Cat. Lep. Het. B. M. v, p. 1190, (1855).                     Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10a, fig. 5, (1859).                     Lep. Ceyl. ii, p. 137, pl. 133, fig. 3, (1882).

I. M., Kulu, (purchased).

Also recorded from Ceylon.

## 1348. GANISA SIMILIS.

*Ganisa similis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Darjiling.

Genus **Apona**.

## 1349. APONA CASHMIRENSIS.

*Gastropacha cashmirensis*, Kollar, Kaschmir Von Hügel, p. 472, pl. 21, fig. 4, (1848).

Collection Swinhoe, Simla.

Also recorded from Kashmir.

## 1350. APONA PALLIDA.

*Apona pallida*, Walker, Cat. Lep. Het. B. M. vii, p. 1763, (1856).                     Moore, Proc. Zool. Soc. Lond. 1872, p. 579.

Sikkim.

## 1351. APONA PLUMOSA.

*Apona plumosa*, Moore, Proc. Zool. Soc. Lond. 1872, p. 579.

Nilgiri Hills.

## 1352. APONA SHEVAROYENSIS.

*Apona shevaroyensis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.

Madras.

Allied to *plumosa*.Genus **Cricula**.

## 1353. CRICULA DREPANOIDES.

*Cricula drepanoides*, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.                     Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.



## 1354. CRICULA TRIFENESTRATA.

*Attacus fenestra* ?, Linn., Syst. Nat. i. 2, 811, 9, (1767).

*Attacus perspicua* ?, Linn. *loc. cit.*, 10.

*Bombyx fenestra* ?, Fabr., Sp. Ins. ii, 170, 18, (1781).

*Bombyx perspicua* ?, Fabr., *loc. cit.*, 171, 21, (1781).

*Saturnia trifenestrata*, Herr Schäff., Lep. Exot. Ser. i, pl. 17, fig. 80.\*

————— Helfer Journ. As. Soc., Beng. vi, 45, 10 (1837).

*Euphranor multifenestrata*, Herr Schäff., *loc. cit.*, pl. 61, fig. 556.\*

*Saturnia zuleika*, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 1, (1848).

*Cricula trifenestrata*, Walker, Cat. Lep. Het. B. M. v, p. 1187; and p. 1196, (1855); and xxxii, p. 530, (1865).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 384, pl. 18, figs. 7 a, b, c, (1859).

————— Wardle's Wilk Silks of India, p. 7, (1881).

*Antheræa zuleika*, Walker, *loc. cit.*, v, p. 1252, (1855).

I. M., Dacca (DeNiceville), Sikkim (purchased), Khasi Hills, Sibsagar, Cachar (Wood-Mason), Andaman Is, (purchased) Java (DeNiceville), no locality (Dumaine; (?) Capt. Hutton), Cocoons.

Collection Swinhoe, Darjiling, Khasi Hills, Shevaroy Hills.

Genus **Tagora**.

## 1355. TAGORA DISCREPANS.

*Tagora discrepans*, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.

*Eupterote discrepans*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Canara.

## 1356. TAGORA GLAUDESCENS.

*Tagora glaucescens*, Walker, Cat. Lep. Het. B. M. v, p. 1188, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

*Ganisa glaucescens*, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, figs. 1, 2, (1881).

I. M., Sikkim (Barnes).

Collection Swinhoe, Sikkim.

## 1357. TAGORA MURINA.

*Tagora murina*, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).

————— Lep. Ceyl. ii, p. 142, pl. 136, fig. 2, (1882).

Ceylon.

## 1358. TAGORA PANDYA.

*Tagora pandya*, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1943, (1866).

Collection Swinhoe, Sylhet.

Allied to *T. patula*.



## 1359. TAGORA PATULA.

*Tagora patula*, Walker, Cat. Lep. Het. B. M. v, p. 1189, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 681.

————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 70, pl. 98, figs. 1, 2, (1881).

I. M., Sibsagar.

Also recorded from Sylhet.

## 1360. TAGORA UNDULOSA.

*Tagora undulosa*, Walker, Cat. Lep. Het. B. M. v, p. 1196, (1855).

E. Indies.

Genus *Sphingognatha*.

## 1361. SPHINGOGNATHA KHASIANA.

*Sphingognatha khasiana*, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879).

Khasi Hills.

## 1362. SPHINGOGNATHA PALLIDA.

*Jana pallida*, Walker, Cat. Lep. Het. B. M. iv, p. 912, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

*Sphingognatha asclepiades*, Felder, Reise Novara Lep. iv, pl. 94, fig. 1, (1864-75)-*Tagora pallida*, Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 3, (1881).

Sylhet, Sumatra.

Genus *Jana*.

## 1363. JANA INCANDESCENS.

*Jana incandescens*, Walker, Cat. Lep. Het. B. M. iv, p. 910, (1855).

————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 71, pl. 98, fig. 5, (1881).

I. M., Sikkim (purchased).

## 1364. JANA SIGNIFERA.

*Jana signifera*, Walker, Cat. Lep. Het. B. M. iv, p. 911, (1855).

N. India.

Genus *Palirisa*.

## 1365. PALIRISA CERVINA.

*Jana cervina*, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1917, (1866).

*Palirisa cervina*, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

I. M., a specimen with no history.

Recorded from Darjiling.

Part II.



## 1366. PALIRISA LINEOSA.

*Jana lineosa*, Walker, Cat. Lep. Het. B. M. iv; p. 912, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

————— Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 4, (1881).

*Palirisa lineosa*, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sylhet.

Genus *Dreata*.

## 1367. DREATA HADES.

*Dreata hades*, Walker, Cat. Lep. Het. B. M. iv, p. 908, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

————— Butler, Ill. Typ. Lep. Het. v, p. 70, pl. 97, fig. 7, (1881).

I. M., Shillong, N. Khasi Hills, Cherra.

Also recorded from Sylhet.

Genus *Eupterote*.

## 1368. EUPTEROTE AFFINIS.

*Eupterote affinis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.

N. India.

## 1369. EUPTEROTE ALTERATA.

*Eupterote alterata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

I. M., Sikkim (purchased), Buxa (Moti Ram), Manbhum  
(Beavan).

Collection Swinhoe, Darjiling.

## 1370. EUPTEROTE ANADA.

*Dreata anada*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 373, (1865).

Kanara.

## 1371. EUPTEROTE AURIFLUA.

*Eupterote auriflua*, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.

Malabar.

## 1372. EUPTEROTE CALIGINOSA.

*Eupterote caliginosa*, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Jubbulpore.

## 1373. EUPTEROTE CANARAICA.

*Eupterote canaraica*, Moore, Proc. Zool. Soc. Lond. 1879, p. 410.

Kanara.



## 1374. EUPTEROTE CASTANOPTERA.

*Eupterote castanoptera*, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.  
Nepal.

## 1375. EUPTEROTE CINNAMOMEA.

*Eupterote cinnamomea*, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.  
Kanara.

## 1376. EUPTEROTE CITRINA.

*Dreata citrina*, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).  
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).  
I. M., Sikkim (purchased).  
Also recorded from Central India.

## 1377. EUPTEROTE CONSIMILIS.

*Eupterote consimilis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.  
Darjiling.

## 1378. EUPTEROTE CONTAMINATA.

*Eupterote contaminata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.  
Bombay.  
Allied to *E. imbecilis* and *E. taoensis*.

## 1379. EUPTEROTE CUPREIPENNIS.

*Eupterote cupreipennis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.  
Madras.

## 1380. EUPTEROTE DECORATA.

*Eupterote decorata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.  
Punjab.

## 1381. EUPTEROTE DIABOLICA.

*Eupterote diabolica*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.  
Belgaum.  
Allied to *E. mutans*.

## 1382. EUPTEROTE DIFFUSA.

*Dreata diffusa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 374, (1865).  
*Eupterote diffusa*, Moore, Lep. Ceyl. ii, p. 142, pl. 135, fig. 2, (1882).  
Ceylon.

## 1383. EUPTEROTE DISCORDANS.

*Eupterote discordans*, Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs 6, 7,  
(1881).  
Calcutta.



## 1384. EUPTEROTE DISSIMILIS.

*Eupterote dissimilis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.

Dehra Dhun.

## 1385. EUPTEROTE FABIA.

*Bombyx fabia*, Oliv., Enc. Meth. Ins. v, 38, 51.\*

*Phalæna fabia*, Cramer, Pap. Exot. iii, pl. 250, fig. B, (1779).

*Eupterote fabia*, Hübn., Verz. Bek. Schmet., p. 187, 1933, (1816).

*Dreata fabia*, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855); and vii, p. 1742, (1856).

Coromandel.

Allied to *E. mutans*.

## 1386. EUPTEROTE GRISEIPENNIS.

*Eupterote griseipennis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

N. India.

## 1387. EUPTEROTE GYRA.

*Eupterote gyra*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Belgaum.

Allied to *E. mutans*.

## 1388. EUPTEROTE IGNAVUS.

*Eupterote ignavus*, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440. pl. 41, fig. 1, ♂.

Collection Swinhoe, Mhow.

Allied to *E. mutans*.

## 1389. EUPTEROTE IMBECILIS.

*Dreata imbecilis*, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).

*Eupterote imbecilis*, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, fig. 2, (1881).

N. India.

## 1390. EUPTEROTE IMMUTATA.

*Eupterote immutata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

Nepal.

## 1391. EUPTEROTE INVALIDA.

*Eupterote invalida*, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, figs. 3, 4, (1881).

I. M., Calcutta (DeNiceville), Burrakur, Kulu (purchased).

Also recorded from Darjiling.

Allied to *E. taoensis*.



## 1392. EUPTEROTE LATIVITTATA.

*Eupterote lativittata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Bombay.

Allied to *E. canaraica*.

## 1393. EUPTEROTE LUCIA.

*Eupterote lucia*, Butler, Ann. Mag. Nat. Hist. (5), xvi, p. 346, pl. 8, fig. 4,  
(1885).

I. M., Shillong, Cherrapunji.

## 1394. EUPTEROTE MOLLIFERA.

*Dreata mollifera*, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).

*Tagora antheræata*, Walker, loc. cit., p. 512.

*Bomochroa* (sic) *ornata*, Felder, Reise Novara, iv, pl. 94, fig. 3, (1864-75).

Collection Swinhoe, Ceylon.

## 1395. EUPTEROTE MOLLIS.

*Eupterote mollis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Nilgiris.

## 1396. EUPTEROTE MUTANS.

*Dreata mutans*, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).

*Eupterote mutans*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 8,  
(1881).

Collection Swinhoe, Mirzapore.

Also recorded from Sikkim and the Philippine Is.

## 1397. EUPTEROTE NIGRICANS.

*Eupterote nigricans*, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.

Jubbulpore, Saugor.

Allied to *E. undata*.

## 1398. EUPTEROTE NILGIRICA.

*Eupterote nilgirica*, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879).

Nilgiri Hills.

## 1399. EUPTEROTE OCHRIPICTA.

*Eupterote ochripicta*, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.

————— Lep. Ceyl. ii, p. 141, pl. 136, figs. 1, 1a,  
1b, (1882).

Ceylon.

Allied to *E. fabia*.



## 1400. EUPTEROTE PERMUTATA.

*Eupterote permutata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.  
Bengal.

## 1401. EUPTEROTE PERSIMILIS.

*Eupterote persimilis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.  
Calcutta.

## 1402. EUPTEROTE PETOSIRIS.

*Phalæna petosiris*, Cramer, Pap. Exot. iv, pl. 397, fig. D, (1782).  
*Dreata petosiris*, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855).  
Coromandel.

## 1403. EUPTEROTE SIMILIS.

*Eupterote similis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.  
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.  
Collection Swinhoe, Poona.  
Also recorded from Calcutta.

## 1404. EUPTEROTE SINUATA.

*Eupterote sinuata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.  
Himalayas.  
Allied to *E. undata*.

## 1405. EUPTEROTE SUBDITA.

*Eupterote subdita*, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.  
Jubbulpore.

## 1406. EUPTEROTE SUFFUSA.

*Eupterote suffusa*, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.  
Jubbulpore.

## 1407. EUPTEROTE TAOOENSIS.

*Dreata taoensis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 848, pl. 53, fig. 7.  
Tenasserim.

## 1408. EUPTEROTE TODARA.

*Eupterote todara*, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.  
Nilgiri Hills.

## 1409. EUPTEROTE UNDANS.

*Dreata undans*, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).  
*Pachyjana undans*, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 6,  
(1881).



**EUPTEROTE UNDANS,—continued.**

*Eupterote undans*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

I. M., Sibsagar.

Collection Swinhoe, Mahableshwar.

**1410. EUPTEROTE UNDATA.**

*Bombyx undatus*, Blanch., Jacq. Voy. Inde Zool. Ins. p. 23, pl. 1, fig. 8, (1844).

*Dreata undifera*, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).

*Dreata undata*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).

Walker, *loc. cit.*, xxxii, p. 373, (1865).

*Eupterote undata*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

I. M., Buxa (Moti Ram); Sikkim (Barnes).

Collection Swinhoe, Poona, Khandalla.

Also recorded from Belgaum and Madras.

**1411. EUPTEROTE VARIEGATA.**

*Eupterote variegata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

Jubbulpore.

**1412. EUPTEROTE VINOSA.**

*Eupterote vinosa*, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

Jubbulpore.

**Genus Spalyria.****1413. SPALYRIA ADOLPHEI.**

*Bombyx adolphe*, Guer., Voy. Deless. Hist. Nat., p. 96, pl. 27, fig. 3, (1843).

*Lasiocampa adolphe*, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Nilgiri Hills.

**1414. SPALYRIA COLLARIS.**

*Bombyx collaris*, Guer., Voy. Deless. Hist. Nat., p. 95, pl. 27, fig. 2, (1843).

*Lasiocampa collaris*, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

*Spalyria collaris*, Moore, Trans. Ent. Soc. Lond. 1884, p. 370.

Nilgiri Hills.

**1415. SPALYRIA FLAVICOLLIS.**

*Bombyx flavicollis*, Guer., Voy., Deless. Hist. Nat., p. 94, pl. 27, fig. 1, (1843).

*Lasiocampa flavicollis*, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Collection Swinhoe, Ootacamund.

**1416. SPALYRIA TESTACEA.**

*Dreata testacea*, Walker, Cat. Lep. Het. B. M. iv, p. 906, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).

*Eupterote testacea*, Butler, Ill. Typ. Lep. Het. v, p. 67, pl. 97, fig. 1, (1881).

*Spalyria testacea*, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

I. M., Cachar (Wood-Mason), Shillong, Khasi Hills.

Also recorded from Sylhet.



Genus **Murlida**.1417. **MURLIDA FRATERNA**.

*Murlida fraterna*, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.  
Collection Swinhoe, India.  
Recorded from Darjiling.

1418. **MURLIDA LINEOSA**.

*Lasiocampa lineosa*, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).  
*Murlida lineosa*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).  
————— Walker, *loc. cit.*, xxxii, p. 563, (1865).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.  
————— Trans. Ent. Soc. Lond. 1884, p. 371.  
*Eupterote lineosa*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 9, (1881),  
Collection Swinhoe, Ootacamund.  
Also recorded from Nepal, Darjiling.

Genus **Brachytera**.1419. **BRACHYTERA GEMINATA**.

*Dreata geminata*, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).  
*Brachytera geminata*, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 2, 2a, (1882).  
Collection Swinhoe, Ceylon.

1420. **BRACHYTERA PHALÆNARIA**.

*Brachytera phalænaria*, Felder, Reise, Novara Lep. iv, pl. 95, fig. 1, (1864-75).  
————— Moore, Lep. Ceyl. ii, p. 143, pl. 135, fig. 1, (1882).  
Ceylon.

1421. **BRACHYTERA PRIMULARIS**.

*Brachytera primularis*, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.  
Collection Swinhoe, Nilgiri Hills, N. Canara.  
Also recorded from the Shevaroy Hills.

Genus **Sangatissa**.1422. **SANGATISSA ALBIPARS**.

*Sangatissa albipars*, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.  
Collection Swinhoe, Bombay, North Canara.  
Allied to *S. citrinula*.

1423. **SANGATISSA CITRINULA**.

*Dreata citrinula*, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).  
*Sangatissa citrinula*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.  
Collection Swinhoe, Satara, Poona.



## 1424. SANGATISSA SUBCURVIFERA.

*Dreata subcurvifera*, Walker, Cat. Lep. Het. B. M. xxxii, p. 375, (1865).*Sangatissa subcurvifera*, Moore, Lep. Ceyl. ii, p. 144, pl. 134, fig. 6, (1882).

I. M., Yunan.

Collection Swinhoe, Solun, Ceylon.

## 1425. SANGATISSA TRISERIATA.

*Dreata triseriata*, Butler, Proc. Zool. Soc. Lond. 1875, p. 393.

S. India.

Allied to *S. subcurvifera*.Genus *Messata*.

## 1426. MESSATA ÆNESCENS.

*Messata ænescens*, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.*Messata ænescens*, Lep. Ceyl. ii, p. 139, pl. 134, fig. 1, (1882).

Ceylon.

Allied to *M. plumipes*.

## 1427. MESSATA CASTANOPTERA.

*Messata castanoptera*, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.*Messata castanoptera*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Belgaum, Poona.

Also recorded from the Nilgiri Hills.

## 1428. MESSATA FLAVIDA.

*Messata flavida*, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.

Nilgiri Hills.

## 1429. MESSATA FRATERNA.

*Messata fraterna*, Moore, Proc. Zool. Soc. Lond. 1879, p. 409, pl. 34, fig. 6.

Bombay.

## 1430. MESSATA LINEATA.

*Dreata lineata*, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).*Messata lineata*, Walker, loc. cit., v, p. 1108, (1855).*Leptojana lineata*, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 5, (1881).

N. India.

## 1431. MESSATA PLUMIPES.

*Dreata plumipes*, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).*Messata rubiginosa*, Walker, loc. cit., v, p. 1108, (1855).*Messata plumipes*, Moore, Lep. Ceyl. ii, p. 138, pl. 133, figs. 5, 5a, (1882).

Collection Swinhoe, Ceylon.



1432. *MESSATA QUADRIFASCIATA.**Messata quadrifasciata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.

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*Messata quadrifasciata*, Lep. Ceyl. ii, p. 139, pl. 134, fig. 3, (1882).

Collection Swinhoe, Ceylon.

1433. *MESSATA SIMILIS.**Messata similis*, Moore, Lep. Ceyl. ii, p. 139, pl. 133, fig. 4, (1882).

Ceylon.

1434. *MESSATA TRANSLATA.**Messata translata*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304, pl. 21, fig. 5.

Collection Swinhoe, Satara, Nilgiri Hills, Poona.

1435. *MESSATA TRISTIS.**Stenoglene tristis*, Felder, Reise Novara Lep., pl. 95. fig. 4, (1864-75).*Messata tristis*, Moore, Lep. Ceyl. ii, p. 139, pl. 134, fig. 2, (1882).

Collection Swinhoe, Ceylon.

1436. *MESSATA VIALIS.**Messata vialis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.

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*Messata vialis*, Lep. Ceyl. ii, p. 139, pl. 134, fig. 4, (1882).

Ceylon.

Genus **Nisaga**.1437. *NISAGA MODESTA.**Nisaga modesta*, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.

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*Nisaga modesta*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

Collection Swinhoe, Satara, Poona, Bombay.

1438. *NISAGA SIMPLEX.**Nisaga simplex*, Walker, Cat. Lep. Het. B. M. iv, p. 885, (1855).

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*Nisaga simplex*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

I. M., Shillong, Khasi Hills.

Collection Swinhoe, Satara, Poona.

Genus **Syrastrina**.1439. *SYRASTRINA MINOR.**Metanastria minor*, Moore, Descr. Ind. Lep. Atk. i, p. 78, (1879).*Syrastrina minor*, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Darjiling.

Genus **Lenodora**.1440. *LENODORA FASCIATA.**Lenodora fasciata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Nilgiri Hills.



## 1441. LENODORA FUSCA.

*Lenodora fusca*, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.  
Bombay.

## 1442. LENODORA SIGNATA.

*Lenodora signata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.  
Dehra Dhun.

## 1443. LENODORA SUBCOSTALIS.

*Miresa subcostalis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).  
*Lenodora subcostalis*, Moore, Lep. Ceyl. ii, p. 145, pl. 137, figs. 3, 3a, 3b,  
(1882).  
Ceylon.

## 1444. LENODORA VITTATA.

*Lasiocampa vittata*, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).  
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).  
*Lenodora vittata*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.  
Collection Swinhoe, Poona.  
Also recorded from N. India, Madras.

Genus **Gastropacha**.

## 1445. GASTROPACHA CASCHMIRENSIS.

*Gastropacha caschmirensis*, Kollar, Kaschmir, Von Hugel, p. 472, pl. 21,  
fig. 4, (1848).  
——— Walker, Cat. Lep. Het. B. M. vi, p. 1393,  
(1855).  
Kashmir.

## 1446. GASTROPACHA DIVARICATA.

*Gastropacha divaricata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.  
Darjiling.

## 1447. GASTROPACHA SIKKIMA.

*Gastropacha sikkima*, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).  
Darjiling.

## 1448. GASTROPACHA SINUATA.

*Gastropacha sinuata*, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).  
Darjiling.

## 1449. GASTROPACHA SULPHUREA.

*Gastropacha sulphurea*, Kollar, Kaschmir Von Hugel, p. 471, (1848).  
——— Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).  
Mussooree.



1450. *GASTROPACHA TORRIDA.*

*Gastropacha torrida*, Moore, Descr. Ind. Lep. Atk. i, p. 76, pl. 3, fig. 19,  
(1879).

Darjiling.

1451. *GASTROPACHA UNDULIFERA.*

*Gastropacha undulifera*, Walker, Cat. Lep. Het. B. M. vi, p. 1395,  
(1855).

N. India.

Genus *Trabala*.1452. *TRABALA IRRORATA.*

*Trabala irrorata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.

I. M., Mergui (Anderson).

Also recorded from Java.

1453. *TRABALA LÆTA.*

*Amydona læta*, Walker, Cat. Lep. Het. B. M. vi, p. 1416, (1855).

*Trabala læta*, Walker, *loc. cit.*, vii, p. 1785, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. xii*a*, figs. 7,  
7*a*, (1859).

I. M., specimens, with no history.

Collection Swinhoe, Dharmasala.

Also recorded from Sylhet and Java.

1454. *TRABALA MAHANANDA.*

*Trabala mahananda*, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

Bengal.

1455. *TRABALA VARIA.*

*Amydona varia*, Walker, Cat. Lep. Het. B. M. vi, p. 1414, (1855).

*Trabala varia*, Walker, *loc. cit.*, vii, p. 1785, (1856).

Sylhet, W. Africa.

1456. *TRABALA VISHNU.*

*Gastropacha vishnou*, Lefebvre, Zool. Journ. iii, p. 207, (1827).\*

————— Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).

————— Piepers & Snellen, Tijd. Ent. xx, p. 21, (1877).

*Amydona basalis*, Walker, *loc. cit.*, vi, p. 1415, (1855).

*Amydona prasina*, Walker, *loc. cit.*, vi, p. 1417, (1855).

*Amydona pallida*, Walker, *loc. cit.*, vi, p. 1417, (1855).

*Trabala basalis*, Walker, *loc. cit.*, vii, p. 1785, (1856).

*Trabala prasina*, Walker, *loc. cit.*, vii, p. 1785, (1856).

*Trabala pallida*, Walker, *loc. cit.*, vii, p. 1785, (1856).

*Trabala vishnu*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 425, pl. 22, figs. 3, 3*a*,  
3*b*, (1859).

————— Walker, *loc. cit.*, xxxii, p. 554, (1865).

————— Moore, Lep. Ceyl. ii, p. 146, pl. 138, figs. 1, 1*a*, 1*b*, 2, 2*a*,  
(1882).



TRABALA VISHNU,—*continued*.

*Trabala vishnu*, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.  
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Khasi Hills, Sikkim (Barnes), Sibsagar (Peal), Calcutta (DeNiceville), Cherra, Cachar (Wood-Mason), Shillong, Silchar (Wood-Mason), Kulu (purchased), Andaman Islands (purchased), Java (DeNiceville).

Collection Swinhoe, Bhotan, Bombay, Simla, Sylhet, Nilgiris, Murree.

Also recorded from Ceylon and Hongkong.

Showing a large range of variation.

Genus *Lebeda*.1457. *LEBEDA ACONYTA*.

*Phalæna aconyta*, Cramer, Pap. Exot. ii, pl. 131, fig. A, (1777).

*Bombyx quadricincta*, Fabr., Mant. Ins. ii, p. 111, 44.

——— Ent. Syst. iii, 1, 422, 50.

*Metanastria aconyta*, Hüb., Verz. Bek. Schmett., p. 186, 1917, (1816).

*Dirphia aconyta*, Walker, Cat. Lep. Het. B. M. vi, p. 1370, (1855).

*Lasiocampa trifascia*, Walker, *loc. cit.*, vi, p. 1439, (1855).

*Lasiocampa substrigosa*, Walker, *loc. cit.*, vi, p. 1441, (1855).

*Lasiocampa aconyta*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).

——— Walker, *loc. cit.*, xxxii, p. 560, (1865).

Collection Swinhoe, Sikkim.

Also recorded from Canara.

1458. *LEBEDA BUDDHA*.

*Bombyx buddha*, ♂, Lefebvre, Zool. Journ. iii, 209, (1827).\*

*Bombyx brahma*, ♀, Lefebvre, *loc. cit.*, iii, p. 208, (1827).\*

*Lasiocampa brahma*, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).

*Lasiocampa buddha*, Walker, *loc. cit.*, vi, p. 1444, (1855).

*Lebeda plagiata*, Walker, *loc. cit.*, vi, p. 1464, (1855).

*Lebeda buddha*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12a, figs. 2, 2a, (1859).

——— Walker, *loc. cit.*, xxxii, p. 568, (1865).

——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 407, pl. 15, figs. 3, 3a, 3b,

——— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Sibsagar (Peal), Cherra, Darbhanga (Maries).

Collection Swinhoe, Bombay, Mhow, Sikkim.

Also recorded from Ceylon.

1459. *LEBEDA FASCIATA*.

*Lebeda fasciata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.

Khasi Hills.

1460. *LEBEDA FULGENS*.

*Lebeda fulgens*, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).

Darjiling.

1461. *LEBEDA LIDDERDALII*.

*Lebeda lidderdalii*, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 1, 2, (1881).

Bhotan.



## 1462. LEBEDA LINEATA.

*Lebeda lineata*, Moore, Deser. Ind. Lep. Atk. i, p. 81, (1879).  
Darjiling.

## 1463. LEBEDA LUSCA.

*Bombyx lusca*, Fabr., Mant. Ins. ii, p. 112, 49.  
——— Ent. Syst. iii, i, 424, 55.  
——— Oliv., Enc. Meth. v, 42, 70.\*  
*Lasiocampa lusca*, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).  
Coromandel.

## 1464. LEBEDA NANDA.

*Lebeda nanda*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12a, fig. 3,  
(1859).  
——— Walker, Cat. Lep. Het. B. M. xxxii, p. 568, (1865).  
I. M., Sikkim (purchased).

## 1465. LEBEDA NOBILIS.

*Lebeda nobilis*, Walker, Cat. Lep. Het. B. M. vi, p. 1456, (1855).  
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).  
——— Butler, Ill. Typ. Lep. Het. v, p. 74, pl. 100, figs. 5, 6,  
(1881).  
I. M., Sikkim (purchased), Cherra.  
Collection Swinhoe, Sylhet, Kasauli.

## 1466. LEBEDA OPPONENS.

*Lebeda opponens*, Walker, Cat. Lep. Het. B. M. vi, p. 1462, (1855).  
N. India.

## 1467. LEBEDA PLACIDA.

*Lebeda placida*, Moore, Deser. Ind. Lep. Atk. i, p. 80, (1879).  
Collection Swinhoe, Darjiling, Shillong.

## 1468. LEBEDA PLAGIFERA.

*Lebeda plagifera*, Walker, Cat. Lep. Het. B. M. vi, p. 1459, (1855).  
——— Butler, Ill. Typ. Lep. Het. B. M. v, p. 73, pl. 99, fig.  
5, (1881).  
I. M., Sikkim (purchased).  
Collection Swinhoe, Darjiling, Simla.  
Also recorded from Nepal.

## 1469. LEBEDA RECTA.

*Lebeda recta*, Walker, Cat. Lep. Het. B. M. vi, p. 1461, (1855).  
N India.



## 1470. LEBEDA REPANDA.

*Lebeda repanda*, Walker, (Part), Cat. Lep. Het. B. M. vi, p. 1460,  
(1855).

————— Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 1, 2,  
(1886).

Sylhet, Nepal, Ceylon.

## 1471. LEBEDA STIGMATA.

*Lebeda stigmata*, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 3, 4,  
(1881).

I. M., Sikkim (purchased).

Allied to *L. placida*.

## 1472. LEBEDA UNDANS.

*Lebeda undans*, Walker, Cat. Lep. Het. B. M. vi, p. 1458, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

Sylhet.

## 1473. LEBEDA VARIEGATA.

*Lebeda variegata*, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).

————— Lep. Ceyl. ii, p. 151, pl. 139, fig. 1, (1882).

Collection Swinhoe, Ceylon.

## 1474. LEBEDA VINATA.

*Lebeda vinata*, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

Darjiling.

## 1475. LEBEDA VULPINA.

*Lebeda vulpina*, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).

Darjiling.

Genus **Arguda**.

## 1476. ARGUDA DECURTATA.

*Arguda decurtata*, Moore, Descr. Ind. Lep. Atk. i, p. 79, 1879.

Darjiling.

Genus **Radhica**.

## 1477. RADHICA FLAVOVITTATA.

*Radhica flavovittata*, Moore, Descr. Ind. Lep. Atk. i, p. 79, (1879).

Naini Tal, Dharmasala.

Genus **Mahanta**.

## 1478. MAHANTA QUADRILINEA.

*Mahanta quadrilinea*, Moore, Descr. Ind. Lep. Atk. i, p. 78, pl. 3, fig. 20,  
(1879).

Darjiling.



Genus **Chatra**.1479. **CHATRA** **GRISEA**

*Chatra grisea*, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879).  
Cherrapunji, Khasi Hills.

Genus **Trichiura**.1480. **TRICHIURA** **KHASIANA**.

*Trichiura khasiana*, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 21,  
(1879).  
Khasi Hills.

Genus **Mustilia**.1481. **MUSTILIA** **CASTANEA**.

*Mustilia castanea*, Moore, Descr. Ind. Lep. Atk. i, p. 82, (1879).  
Darjiling.

1482. **MUSTILIA** **FALCIPENNIS**.

*Mustilia falcipennis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 581, (1865) ;  
and xxxv, p. 1949, (1866).  
Darjiling.

1483. **MUSTILIA** **HEPATICA**.

*Mustilia hepatica*, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 18,  
(1879).  
Darjiling.

1484. **MUSTILIA** **SPHINGIFORMIS**.

*Mustilia sphingiformis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 407, pl.  
33, fig. 4.  
Collection Swinhoe, Sikkim, Sibsagar.,  
Also recorded from Mussooree.

Genus **Kosala**.1485. **KOSALA** **SANGUINEA**.

*Kosala sanguinea*, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 33, fig.  
8.  
Khasi Hills.

Genus **Eutricha**.1486. **EUTRICA** **CHEELA**.

*Eutricha cheela*, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.  
Dharmasala.



1487. *EUTRICA FLAVOSIGNATA*.

*Eutricha flavosignata*, Moore, Descr. Ind. Lep. Atk. i, p. 77, pl. 3, fig. 17,  
(1879).

Darjiling.

Genus *Lasiocampa*.1488. *LASIOCAMPA BHIRA*.

*Lasiocampa bhira*, Moore, Proc. Zool. Soc. Lond. 1879, p. 410, pl. 34,  
fig. 2.

Dharmasala.

1489. *LASIOCAMPA DECISA*.

*Lasiocampa decisa*, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).

E. Indies.

1490. *LASIOCAMPA SUBPARALLELA*.

*Lasiocampa subparallela*, Walker, Cat. Lep. Het. B. M. xxxii, p. 562,  
(1865).

India.

Genus *Odonestis*.1491. *ODONESTIS AMPLA*.

*Odonestis* (sic) *ampla*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).

*Odonestis ampla*, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 3, 4,  
(1881).

*Lebeda ferruginea*, Walker, *loc. cit.*, p. 1458, (1855); and xxxii, p. 568, (1865).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).

I. M., Sikkim (purchased), Cherrapunji.

Collection Swinhoe, Cherrapunji.

Also recorded from Sylhet.

1492. *ODONESTIS BHEROBA*.

*Odonestis bheroba*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. 12a, fig. 5,  
(1859).

*Odonestis* (sic) *bheroba*, Walker, Cat. Lep. Het. B. M. xxxii, p. 553, (1865).

Darjiling.

1493. *ODONESTIS DIVISA*.

*Odonestis divisa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.

————— Lep. Ceyl. ii, p. 150, pl. 141, fig. 2, (1882).

Ceylon.

1494. *ODONESTIS INOBTRUSA*.

*Lasiocampa inobtrusa*, Walker, Trans. Ent. Soc. Lond. (3), iii, p. 85,  
(1862-64).

————— Cat. Lep. Het. B. M. xxxii, p. 560, (1865).

Collection Swinhoe, Solun, Simla.



## 1495. ODONESTIS LATIPENNIS.

*Lebeda latipennis*, Walker, Cat. Lep. Het. B. M. vi, p. 1457, (1855).  
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, pl. 22, figs. 2, 2a, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 685.  
*Odonestis latipennis*, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 1, 2, (1881).

Darjiling, Calcutta.

## 1496. ODONESTIS PYRIFORMIS.

*Odonestis pyriformis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 34, fig. 7.

Mussooree.

## 1497. ODONESTIS SERVULA.

*Phalæna servula*, Drury, Ins. Exot. ii, p. 20, pl. 11, fig. 4, (1773).  
*Odonestis servula*, Westw., Drury. ii, p. 22, pl. 11, fig. 4, (1837).  
*Odenestis* (sic) *servula*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).

Madras.

## 1498. ODONESTIS SIGNATA.

*Odonestis signata*, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).

Darjiling.

Genus *Estigena*.

## 1499. ESTIGENA NANDINA.

*Estigena nandina*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, (1859).  
 ———— Lep. Ceyl. ii, p. 149, pl. 142, figs. 1, 1a, (1882).  
*Estigena naudina* (sic), Walker, Cat. Lep. Het. B. M. xxxii, p. 568, (1865).  
*Gastropacha abstracta*, Walker, loc. cit., p. 551, (1865).  
*Lebeda scriptiplaga*, Walker, loc. cit., p. 569, (1865).

I. M., Mergui (Anderson), Kulu (purchased), Sikkim (purchased), Akra (Cleghorn).

Collection Swinhoe, Simla, Bombay.

Also recorded from Ceylon.

Genus *Taragama*.

## 1500. TARAGAMA GANESA.

*Bombyx ganesa*, Lefebvre, Zool. Journ. iii, p. 211, (1827).  
*Bombyx siva*, Lefebvre, loc. cit., p. 210.\*  
*Lasiocampa siva*, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).  
*Lasiocampa ganesa*, Walker, loc. cit., p. 1444, (1855).  
*Megasoma venustum*, Walker, loc. cit., p. 1449, (1855).  
 ———— Forsayeth, Trans Ent. Soc. Lond. 1884, p. 406.  
*Megasoma albicans*, Walker, loc. cit., p. 1450, (1855).



TARAGAMA GENESA,—*continued*.

*Taragama ganesa*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, pl. xxii, figs. 4, 4a, (1859).

———— Walker, *loc. cit.* xxxii, p. 564, (1865).

———— Semper, Verh. Zool. Botan. Ges. Wien. xvii, p. 701, (1867).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, and 1885, p. 305 and 1886, p. 440.

Collection Swinhoe, Subathoo, Umballa, Mhow, Karachi, Bombay, Poona and Mahableshwar.

Also recorded from Sind, Punjab, Madras, Kanara, Ceylon, Java, Philippine Islands.

## 1501. TARAGAMA HYPERANTHERÆ.

*Taragama hyperantheræ*, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 5.  
Calcutta.

## 1502. TARAGAMA IGNIFLUA.

*Taragama igniflua*, Moore, Lep. Ceyl. ii, p. 147, pl. 142, figs. 2, 2a, (1882).  
Ceylon.

## 1503. TARAGAMA INTENSA.

*Taragama intensa*, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 4.  
I. M., Calcutta.

## 1504. TARAGAMA PALLIDUM.

*Megasoma pallidum*, Walker, Cat. Lep. Het. B. M. vi, p. 1450, (1855).  
N. India.

Genus **Suana**.

## 1505. SUANA AMPLA.

*Suana ampla*, Walker, Cat. Lep. Het. B. M. vi, p. 1502, (1855).  
Sylhet, Java, Philippine Is.

## 1506. SUANA BIMACULATA.

*Lebeda bimaculata*, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).

*Suana bimaculata*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 428, pl. 13a, figs. 2, 2a, and pl. xxiii, figs. 1, 1a, 1b, (1859).

———— Walker, *loc. cit.* xxxii, p. 570, (1865).

———— Moore, Lep. Ceyl. ii, p. 152, pl. 140 (not pl. 104), figs. 1, 1a, 1b, (1882).

———— Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 3, 4, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Sylhet.

Also recorded from Nepal, Ceylon, and Java.

## 1507. SUANA CERVINA.

*Suana cervina*, Moore, Proc. Zool. Soc. Lond. 1879, p. 410.

———— Lep. Ceyl. ii, p. 152, pl. 139, figs. 2, 2a, (1882).

Ceylon.

Allied to *S. bimaculata*.



1508. *SUANA CONCOLOR*.

*Lebeda concolor*, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and Java.

Genus *Pæcilocampa*.

1509. *PÆCILOCAMPA UNDULOSA*.

*Pæcilocampa undulosa*, Walker, Cat. Lep. Het. B. M. vi, p. 1477, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

I. M., Cherrapunji, Sibsagar.

Collection Swinhoe, Nepal.

Also recorded from Sikkim.

## FAMILY PHALERIDÆ.

Genus *Zana*.

1510. *ZANA LIGNOSA*.

*Zana lignosa*, Walker, Cat. Lep. Het. B. M. vii, p. 1700, (1856).

————— Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 4, (1886).

Collection Swinhoe, N. India.

Genus *Turnaca*.

1511. *TURNACA ACUTA*.

*Turnaca acuta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 454, (1865).

Kanara.

Genus *Menapia*.

1512. *MENAPIA KAMADENA*.

*Menapia kamadena*, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

Genus *Phalera*.

1513. *PHALERA AMBOINÆ*.

*Acrosema amboinæ*, Felder, Reise Novara, pl. 96, fig. 2, (1864-75).

*Phalera amboinæ*, Sitzber, Akad. Wiss., p. 39, (1861).

Sikkim.

1514. *PHALERA ARENOSA*.

*Phalera arenosa*, Butler, Ann. Mag. Nat. Hist. (5), vi, p. 66, (1880).

————— Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 3, (1886).

Darjiling.



## 1515. PHALERA BOBI.

*Phalera bobi*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 21, fig. 6.  
Collection Swinhoe, Bombay.

## 1516. PHALERA COSSOIDES.

*Phalera cossoides*, Walker, Trans. Ent. Soc. (3), i, p. 80, (1862-64).  
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

I. M., Khasi Hills, Sikkim (Barnes), Calcutta (de Niceville),  
Sibsagar (Peal).

Also recorded from Sylhet.

## 1517. PHALERA GROTEI.

*Phalera grotei*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, pl. 23, figs. 5, 5a,  
5b, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 682.

Calcutta.

## 1518. PHALERA PARIVALA.

*Phalera parivala*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, (1859).

————— Butler, Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 2,  
(1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim, Nilgiri Hills.

## 1519. PHALERA PROCERA.

*Acrosema procera*, Felder, Reise Novara, pl. 96, fig. 1, (1864-75).  
Sikkim.

## 1520. PHALERA RAYA.

*Phalera raya*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).

————— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 103, fig. 1, (1886).

I. M., Sikkim (Barnes).

Collection Swinhoe, Bombay, Sikkim, Simla, Nilgiris.

## 1521. PHALERA SANGANA.

*Phalera sangana*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 682.

————— Butler, Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 4,  
(1886).

I. M., Sikkim.

Collection Swinhoe, Sikkim.

## 1522. PHALERA SIMILIS.

*Endoclyta similis*, Felder, Reise Novara, pl. 81, fig. 3, (1864-75).

Himalayas.



1523. PHALERA STIGMIGERA.

*Phalera stigmigera*, Butler, Ann. Mag. N. H., (5), vi, p. 66, (1880).  
                                         Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 5,  
                                                (1886).

## Bhotan.

1524. PHALERA TENEBROSA.

*Phalera tenebrosa*, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.  
Darjiling.

Genus **Ramesa**.

1525. RAMESA APICALIS.

*Ramesa apicalis*, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 12,  
(1879).  
Darjiling.

1526. RAMESA LIGNIFERATA.

*Ramesa ligniferata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865).  
N. India.

1527. RAMESA TOSTA.

*Ramesa tosta*, Walker, Cat. Lep. Het. B. M. v, p. 1017, (1855).  
 ——— Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 5, (not 15),  
 (1886).

N. India.

Genus **Callænia.**

1528. CALIÆNIA ELONGATA.

*Callænia elongata*, Butler, Ann. Mag. N. H. (5) vi, p. 67, (1880).  
                                 Ill. Typ. Lep. Het. vi, p. 11, pl. 103, fig. 7,  
                                        (1886).

Collection Swinhoe, Simla.  
Also recorded from Sikkim.

1529. *CALLÆNIA PULLATA.*

*Callænia pullata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.  
Dalhousie.

Genus **Hyperæschra.**

1530. *HYPERÆSCHRA PALLIDA.*

*Hyperaeschra pallida*, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).  
 — Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 6, (1886).

Darjiling, Singapore.



## Family SATURNIIDÆ.

Genus *Actias*.1531. *ACTIAS IGNESENS*.

*Actias ignescens*, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.  
 ————— Wardle's Wild Silks of India, p. 5, (1881).

Andaman Is.

1532. *ACTIAS LETO*.

*Saturnia leto*, Doubleday, Proc. Ent. Soc. Lond. v, p. li, pl. 15, (1847-49).  
*Tropæa leto*, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).  
*Actias leto*, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.  
 ————— Massen, Beitr. Schmett. i, fig. 10, (1869).\*  
 ————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

I. M., Sibsagar (Peal), Buxa (Moti Ram), Sikkim (purchased).  
 Also recorded from the Khasi Hills.

1533. *ACTIAS MÆNAS*.

*Actias mænas*, Doubleday, Ann. Nat. Mag. Hist. xix, p. 95, pl. 7, fig. 1, (1847).  
 ————— Westw., Cab. Or. Ent., p. 45, pl. 22, fig. 1, (1848).  
 ————— Massen, Weymer Beitr. Zur. Schmett. 1872, figs. 25, 26.\*  
 ————— Moore, Wardle's Wild Silks of India, p. 5, (1881).  
*Tropæa mænas*, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).

Collection Swinhoe, Darjiling.

Also recorded from the Khasi Hills and Sylhet.

1534. *ACTIAS SELENE*.

*Echidna selene*, Hübner, Samml. Exot. Schmett. i, pl. 172, p. 3, (1806-19).\*  
*Phalæna Attacus luna*, Cramer, Pap. Exot. i, pl. 31, figs. A, B, (1775), (nec Drury).  
*Actias selene*, Macleay, Zool. Misch. ii, pl. 70, (1815).\*  
 ————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 400, pl. 19, figs. 3, 3a, (1859).  
 ————— Wardle's Wild Silks of India, p. 5, pl. 13, fig. 1, and pl. 14, (1881).  
 ————— Lep. Ceyl. ii, p. 123, pl. 126, figs. 1, 1a, (1882).  
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306.  
*Tropæa selene*, Hübn., Verz. Bek. Schmett., p. 152, (1816).  
 ————— Walker, Cat. Lep. Het. B. M. vi, p. 1262, (1855).  
*Plectropteron dianæ*, Hutton, Ann. Mag. N. H. xvii, p. 60, (1846).  
 ————— Trans. Ent. Soc. Lond. v, p. 45, pl. 5, fig. 11, (1847-49).

*Plectropteron selene*, Hutton, Trans. Ent. Soc. Lond. v, p. 85, (1847-49).

I. M., Sikkim (Barnes), Khasi Hills (Chennel), Shillong, Sylhet, Sibsagar (Peal).

Collection Swinhoe, Simla, Belgaum, Darjiling, Matheran.  
 Also recorded from Ceylon and China.



Genus *Attacus*.1535. *ATTACUS ATLAS*.

- Phalæna atlas*, Linn., Mus. Lud.-Ulr, p. 366, (1764).  
 ———— Syst. Nat. i, ii, p. 808, (1767).  
 ———— Cramer, Pap. Exot. iv, pl. 381, fig. C., and pl. 382, fig. A, (1781), also i, pl 9, fig. A, var., (1775).  
*Bombyx atlas*, Fabr., Syst. Ent. 1, p. 556, (1775).  
 ———— Sp. Ins. ii, p. 167, (1781).  
 ———— Mant. Ins. ii, p. 108, (1787).  
 ———— Ent. Syst. iii, i, p. 407, (1793)  
 ———— Olivier, Enc. Meth. Ins. v, 24, pl. 69, fig. 1.\*  
*Attacus atlas*, Hübner, Verz. Bek. Schmett. pp. 156, 1625, (1816).  
 ———— Walker, Cat. Lep. Het. B. M. v, p. 1218, (1855).  
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 405, pl. xx, figs. 2, 2a, (1859).  
 ———— Moore, Wardle's Wild Silks of India, p. 4, pls. 9, 10, (1881).  
*Saturnia silhetica*, var., Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).  
 I. M., Sylhet, Sibsagar (Moti Ram), Cachar (Hutton?), Mussooree (Hutton?), Almora (Hutton?), Sikkim (Barnes), Buxa (Moti Ram), Perak (purchased), Johore.  
 Collection, Swinhoe, Belgaum, Nilgiri Hills, Darjiling, Khanda.  
 Also recorded from Ceylon and Java.

1536. *ATTACUS CANNINGII*.

- Attacus canningii*, Walker, Cat. Lep. Het. xxxii, p. 525, (1865).  
 ———— Moore, Wardle's Wild Silks of India, p. 5, (1881).  
 N.-W. Himalayas.

1537. *ATTACUS CYNTHIA*.

- Phalæna (Attacus) cynthia*, Drury, Exot. Ins. ii, pl. 6, fig. 2, (1773).  
 ———— Cramer, Pap. Exot. i, pl. 39, fig. A, (1775).  
*Bombyx cynthia*, Oliv., Enc. Meth. v, 30, 26.  
*Samia cynthia*, Hübn., Verz. Bek. Schmett., p. 156, 1629, (1816).  
*Phalæna cynthia*, Roxburg, Trans. Linn. Soc. Lond. vii, p. 42, pl. 3.  
 ———— Helfer, Journ. As. Soc. Beng. vi, p. 45, pl. 5, (1837).  
*Saturnia cynthia*, Westw., Ed. Drury. ii, p. 12, pl. 6, fig. 2, (1837).\*  
*Attacus cynthia*, Walker, Cat. Lep. Het. B. M. v, p. 1220, (1855).  
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, pl. 20, figs. 3, 3a, (1859).  
 ———— Wardle's Wild Silks of India, p. 4, pl. 19, figs. 1, 2, (1881).  
 I. M., Sikkim (Barnes), Buxa (Moti Ram), Simla, Sibsagar (Peal), Cachar (Hutton), Shillong, Sylhet.  
 Collection Swinhoe, Simla, Nilgiri Hills.  
 Also recorded from Java, China, and Tasmania.

1538. *ATTACUS EDWARDSII*.

- Attacus edwardsii*, White, Proc. Zool. Soc. Lond, 1859, p. 115, pl. 57.  
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 406, (1859).  
 ———— Walker, Cat. Lep. Het. B. M. xxxii, p. 524, (1865).  
 ———— Butler, Ill. Typ. Lep. Het. (v), p. 60, pl. 92, 93, (1881).  
 ———— Moore, Wardle's Wild Silks of India, p. 4, (1881).  
 I. M., Shillong, Sikkim (Barnes).  
 Allied to *A. atlas*.



## 1539. ATTACUS GUERINI.

*Attacus guerini*, Moore, Proc. Zool. Soc. Lond. 1859, p. 269, pl. 65, fig. 3.

————— Cat. Lep. Mus. E. I. C. ii, p. 409, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 525, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

————— Wardle's Wild Silks of India, p. 5, (1881).

Bengal.

## 1540. ATTACUS OBSCURUS.

*Attacus obscurus*, Butler, Trans. Ent. Soc. Lond. 1879, p. 5.

————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

Cachar.

## 1541. ATTACUS RICINI.

*Saturnia ricini*, Boisd., Ann. Soc. Ent. Fr. (3) ii, p. 755, (1854).

*Attacus lunula*, Walker, Cat. Lep. Het. B. M. v, p. 1221, (1855).

————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

*Attacus ricini*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, (1859).

————— Walker, *loc. cit.*, xxxii, p. 525, (1865).

————— Moore, Wardle's Wild Silks of India, p. 4, pl. 8, figs. 1, 2, (1881).

*Philosamia lunula*, Butler, Ill. Typ. Lep. Het. v, p. 601, pl. 94, fig. 1, (1881).

I. M., Dinajpur, Kalliganj, Sibsagar (Peal), Bengal (Hutton ?).  
Also recorded from Ceylon and China.

Allied to *A. cynthia*.

## 1542. ATTACUS SILHETICA.

*Saturnia silhetica*, Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).

*Attacus silhetica*, Moore, Wardle's, Wild Silks of India, p. 4, (1881).

Sylhet, Dacca.

## 1543. ATTACUS TAPROBANIS.

*Attacus taprobanis*, Moore, Lep. Ceyl. ii, p. 124, pl. 127, figs. 1, 1a, (1882).

Ceylon.

## 1544. ATTACUS VESTA.

*Attacus vesta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 525, (1865).

India.

Genus *Saturnia*.

## 1545. SATURNIA ANNA.

*Saturnia anna*, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

————— Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.



## 1546. SATURNIA CIDOSA.

*Saturnia cidosa*, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 423. pl. 22, fig. 2, (1864-66).

————— Proc. Zool. Soc. Lond. 1867, p. 684.

————— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim.

## 1547. SATURNIA GROTEI.

*Saturnia grotei*, Moore, Proc. Zool. Soc. Lond. 1859, p. 265, pl. 65, fig. 2.

————— Cat. Lep. Mus. E. I. C. ii, p. 404, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 530, (1865).

————— Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, figs. 3, 4, (1881).

————— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Kula (purchased).

Collection Swinhoe, Simla, Thibet.

## 1548. SATURNIA IOLE.

*Saturnia iole*, Westw., Proc. Zool. Soc. Lond. 1881, p. 144, pl. 12, fig. 1.

Assam.

## 1549. SATURNIA LINDIA.

*Saturnia lindia*, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, pl. 22, fig. 3. (1864-66).

————— Proc. Zool. Soc. Lond. 1867, p. 684.

————— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim,

Allied to *S. Grotei*.

## 1550. SATURNIA PYRETORUM.

*Saturnia pyretorum*, Westw., Cab. Or. Ent. p. 49, pl. 24, fig. 2, (1848).

————— Walker, Cat. Lep. Het. B. M. vi, p. 1273, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Asia.

Genus **Neoris**.

## 1551. NEORIS HUTTONI.

*Neoris huttoni*, Moore, Trans. Ent. Soc. Lond. iii, i, p. 321, (1862-64).

————— Wardle's Wild Silks of India, p. 6, 1881.

Collection Swinhoe, Simla.

Also recorded from Mussooree.

## 1552. NEORIS SHADULLA.

*Neoris shadulla*, Moore, Proc. Zool. Soc. Lond. 1872, p. 577.

————— Wardle's Wild Silks of India, p. 7, (1881).

Yarkand.



## 1553. NEORIS STOLICZKANA.

*Saturnia stoliczkana*, Felder, Reise Novara Lep. iv, pl. 87, fig. 3,  
(1864-75).

*Neoris stoliczkana*, Moore, Wardle's Wild Silks of India, p. 7, (1881).  
Ladak.

Genus *Loepa*.

## 1554. LOEPA KATINKA.

*Saturnia katinka*, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 2, (1848).

*Antheræa katinka*, Walker, Cat. Lep. Het. B. M. v, p. 1251, (1855).

*Loepa katinka*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, pl. 20, figs. 1, 1a,  
(1859).

———— Walker, *loc. cit.*, xxxii, p. 530, (1865).

———— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Yunan.

Collection Swinhoe, Simla, Darjiling, Java.

Also recorded from Assam.

## 1555. LOEPA MIRANDA.

*Loepa miranda*, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, (1864-66).

———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1944, (1866).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

———— Wardle's Wild Silks of India, p. 7, (1881).

*Antheræa miranda*, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

I. M., Sibsagar, Sikkim (purchased), Shillong.

Closely allied to *L. katinka*.

## 1556. LOEPA SIKKIMA.

*Loepa sikkima*, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

———— Wardle's Wild Silks of India, p. 7, (1881).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

## 1557. LOEPA SIVALICA.

*Loepa sivalica*, Moore, Wardle's Wild Silks of India, p. 7, (1881).

Mussooree.

Genus *Antheræa*.

## 1558. ANTHERÆA ANDAMANA.

*Antheræa andamana*, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.

———— Wardle's Wild Silks of India, p. 6, (1881).

S. Andaman Is.

## 1559. ANTHERÆA ASSAMA.

*Saturnia assama*, Westw., Cab. Or. Ent., p. 42, pl. 20, fig. 2, (1848).

*Saturnia assamensis*, Helfer, Journ. As. Soc. Beng. vi, p. 43, (1837).



ANTHERÆA ASSAMA,—*continued*.

*Antheræa assama*, Walker, Cat. Lep. Het. v, p. 1249, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 398, pl. xix, figs. 2, 2a, (1859).

————— Wardle's Wild Silks of India, p. 6, (1881)

*Antheræopsis assama*, Wood-Mason, Annual Report, Indian Museum, p. 21, (1886).

I. M., Dehra Dhun (Hutton ?), Sibsagar, Gauhati (Mein).

Also recorded from Ceylon.

Known as the "Muga."

## 1560. ANTHÆA CINGALESA.

*Antheræa cingalesa*, Moore, Lep. Ceyl. ii, p. 122, pl. 125, figs. 1, 1a, 1b, (1882).

Ceylon.

## 1561. ANTHÆA FRITHI.

*Antheræa frithi*, Moore, Proc. Zool. Soc. Lond. 1859, p. 256, pl. 65, fig. 1.

————— Cat. Lep. Mus. E. I. C. ii, p. 396, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).

————— Butler, Ill. Typ. Lep. Het. v, p. 59, pl. 91, fig. 8, (1881).

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased), Buxa (Moti Ram).

Collection Swinhoe, Darjiling.

## 1562. ANTHÆA HELFERI.

*Antheræa helferi*, Moore, Proc. Zool. Soc. Lond. 1859, p. 257, pl. 64, fig. 2.

————— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (Barnes).

## 1563. ANTHÆA MEZANKOORIA.

*Antheræa mezankooria*, Moore, Wardle's Wild Silks of India, p. 5, (1881).  
Assam.

## 1564. ANTHÆA MYLITTA.

*Phalæna (Attacus) mylitta*, Drury, Ill. Exot. Ins. ii, pl. 5, fig. 1, (1773).  
*Attacus mylitta*, Blanch., Jacq. Voy. dans l'Inde, p. 24, pl. 3, figs. 1, 2, (1844).

*Bombyx mylitta*, Fabr., Syst. Ent. p. 558, 6, (1775).

————— Oliv., Enc. Meth. v, p. 26, 9, pl. 69, fig. 5.\*

*Phalæna paphia*, Cramer, Pap. Exot. ii, pl. 147, figs. A, B, (1777).

————— Roxburgh, Trans. Linn. Soc. Lond. vii, p. 33, (1804).

*Antheræa mylitta*, Hübn., Verz. Bek. Schmett. p. 152, 1589, (1816).

————— Walker, Cat. Lep. Het. B. M. v, p. 1247, (1855), and vi, p. 1378, (1855).

————— Moore, Wardle's Wild Silks of India, p. 5, pl. 2, figs. 1, 2, (1881).

————— Aurivillius, Sv. Akad. Hand. xix, 5, p. 148, Note, (1882).



## ANTHERÆA MYLITTA,—continued.

*Antheræa paphia*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 385, pl. 19, figs. 1, 1a, (1859).

————— Beavan, Proc. Ent. Soc. Lond. (3) ii, pp. 40-43, (1864-66).

*Saturnia mylitta*, Westw., Ed. Drury ii, p. 10, pl. 5, fig. 1, (1837)\*.

*Saturnia paphia*, Helfer, Journ. As. Soc. Beng. vi p. 42, (1837).

*Saturnia pernyi*, Guer., Rev. et Mag. de Zool. 1855, p. 297, pl. 6, fig. 1, var.

————— Zimmermann, Verh. Ver. Hamb. iii, p. 23, (1878)\*.

————— Präger, Stett. Ent. Zeit. 3, 9, p. 245, (1878)\*.

I. M., Manbhum (Bevan), Hyderabad (Hutton?), Goalpara, Hazaribagh, Calcutta, Naini Tal, Pondicherry (Hutton?), Sylhet, Central India, Sikkim (purchased), Muttra, Palamow, Bhagulpore, Colgong (Hutton?), Berhampore, Sambulpore, Akra (Cleghorn). Besides an hermaphrodite imago and its cocoon, from Chandernagore, (purchased).

Also recorded from Ceylon and China.

Known as the "Tusser."

## 1565. ANTHERÆA NEBULOSA.

*Antheræa nebulosa*, Hutton.

————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

I. M., Singbhum (Hutton?).

Collection Swinhoe, Assigarh, Satara, Bombay, Poona, Tbanna.

Closely allied to *A. mylitta*.

## 1566. ANTHERÆA PERROTTETII.

*Bombyx perrottetii*, Guer., Mag. Zool. 1843, Ins., pl. 123\*.

*Antheræa perrottetii*, Walker, Cat. Lep. Het. B. M. vi, p. 1379, (1855).

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

Pondicherry.

## 1567. ANTHERÆA ROYLEI.

*Antheræa roylei*, Moore, Proc. Zool. Soc. Lond. 1859, p. 256, pl. 64, fig. 1.

————— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).

————— Moore, Wardle's Wild Silks of India, p. 6, pl. 7, fig. 1, (1881).

I. M., Mussooree (Hutton?), Sikkim, Khasi Hills (Chennel).

Collection Swinhoe, Darjiling.

## 1568. ANTHERÆA SIMPLICIA.

*Antheræa simplicia*, Massen & Weymer, Beitr. zur Schmett., pt. ii, p. 20, (1872)\*.

E. Indies.



Genus **Salassa**.1569. **SALASSA LOLA**.

*Saturnia lola*, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 3, (1848).

*Antheræa lola*, Walker, Cat. Lep. Het. B. M. v, p. 1252, (1855).

*Salassa lola*, Moore, Wardle's Wild Silks of India, p. 6, (1881).

————— Moore, Proc. Zool. Soc. Lond. 1859, p. 246.

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

Genus **Caligula**.1570. **CALIGULA CACHARA**.

*Caligula cachara*, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.

————— Wardle's Wild Silks of India, p. 6, (1881).

Cachar.

1571. **CALIGULA SIMLA**.

*Saturnia simla*, Westw., Cab. Or. Ent., p. 41 pl. 20, fig. 1, (1848).

*Antheræa simla*, Walker, Cat. Lep. Het. B. M. v, p. 1249, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, (1859).

*Caligula simla*, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Simla (DeNiceville), Mussooree (Hutton?), Khasi Hills.

Collection Swinhoe, Simla, Kashmir.

1572. **CALIGULA THIBETA**.

*Saturnia thibeta*, Westw., Proc. Zool. Soc. Lond. 1853, p. 166.

————— Ann. Nat. Hist (2), xv, p. 302, (1855).

*Antheræa thibeta*, Walker, Cat. Lep. Het. B. M. v, p. 1250, (1855).

*Caligula thibeta*, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

————— Wardle's Wild Silks of India, p. 6, (1881).

Darjiling, Thibet.

Closely allied to *C. simla*.

Genus **Rinaca**.1573. **RINACA EXTENSA**.

*Rinaca extensa*, Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, fig. 2, (1881).

Darjiling.

1574. **RINACA ZULEIKA**.

*Saturnia zuleika*, Hope, Trans. Linn. Soc. Lond. xix, p. 132, pl. 11, fig. 5, (1845).

*Rinaca zuleika*, Walker, Cat. Lep. Het. B. M. vi, p. 1275, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

————— Massen & Weymer, Beitr. Zur Schmett ii, fig. 24, (1872.)\*

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).

Collection Swinhoe, Simla, Darjiling.

Also recorded from Sylhet.



Genus **Rhodia**.1575. **RHODIA NEWARA**.

*Rhodia newara*, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.  
 ————— Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).  
 Also recorded from Nepal.

Genus **Brahmæa**.1576. **BRAHMÆA CERTHIA**.

*Bombyx certhia*, Fabr., Ent. Syst. iii, i, p. 412, 16, (1793).

I. M., Sikkim (purchased), Shillong.  
 Collection Swinhoe, Darjiling.

1577. **BRAHMÆA CONCHIFERA**.

*Brahmæa conchifera*, Butler, Ann. Mag. N. H. (5), v, p. 188, (1880).  
 ————— Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs 3, 4,  
 1881).  
*Bramhæa certhia*, Walker, (nec), Fabricius) Cat. Lep. Het. B. M. vi, p.  
 1316, (1855).  
 ————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 410, (1859).  
 ————— Butler, Proc. Zool. Soc. Lond. 1866, p. 118, fig 1.  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet, Darjiling.

1578. **BRAHMÆA RUFESCENS**.

*Brahmæa rufescens*, Butler, Ann. Mag. N. H. (5), vi, p. 62, (1880).  
 N.-E. Bengal.

1579. **BRAHMÆA WALLICHII**.

*Brahmæa wallichii*, Gray, Zool. Misc., p. 39, (1832).\*  
 ————— Lep. Ins. Nepal., pls. 15, 16, (1833).\*  
*Bombyx spectabilis*, Hope, Trans. Linn. Soc. Lond. xviii, p. 443, pl. 31, fig.  
 3, (1841).  
*Brahmæa wallichii*, Butler, Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs. 5, 6,  
 (1881).  
 Assam, Nepal.

1580. **BRAHMÆA WHITEI**.

*Brahmæa whitei*, Butler, Proc. Zool. Soc. Lond. 1866, p. 119, fig. 2.  
 ————— Massen and Weymer, Beitr. zur, Schmett. pt. ii, fig. 17,  
 (1872).\*  
 ————— Butler, Ill. Typ. Lep. Het. v, p. 62, pl. 95, figs. 1, 2,  
 (1881).  
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.  
*Brahmæa hearseyi*, White, Proc. Ent. Soc. Lond. (3), i, p. 26, (1862-64).  
 N.-W. India.



## FAMILY COSSIDÆ.

Genus *Cossus*.1581. *COSSUS ABRUPTUS*.

*Cossus abruptus*, Walker, Cat. Lep. Het. B. M. xxxii, p. 584, (1865).  
India.

1582. *COSSUS CADAMBÆ*.

*Cossus cadambæ*, Moore, Proc. Zool. Soc. Lond. 1865, p. 822.  
Calcutta.

1583. *COSSUS CASHMIRENSIS*.

*Cossus cashmirensis*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).  
Kashmir.

Genus *Zeuzera*.1584. *ZEUZERA ACRONYCTOIDES*.

*Brachylia acronyctoides*, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 4.  
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515;  
1885, p. 306; and 1886, p. 441.  
Collection Swinhoe, Karachi, Mhow, Bombay.

1585. *ZEUZERA ALBOFASCIATA*.

*Zenzera* (sic) *albofasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).  
Darjiling.

1586. *ZEUZERA ASYLAS*.

*Phalæna asylas*, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. C, (1777).  
*Hepialus scalaris*, Fabr., Sp. Ins. ii, p. 208, 4, (1781).  
———— Mant. Ins. ii, p. 135, 7, 1787).  
*Cossus scalaris*, Fabr., Ent. Syst. iii, 2, p. 5, 5. (1794).  
*Morpheus scalaris*, Hübn., Verz. Bek. Schmett., p. 196, 2005, (1816).  
*Zeuzera scalaris*, Donovan, Ins. India, p. 83, pl. 53, fig. 2, (1838).  
*Zeuzera asylas*, Walker, Cat. Lep. Het. B. M. vii, p. 1538, (1856).  
India, China.  
I. M., Sikkim (Peters), Kulu (purchased).

1587. *ZEUZERA BIVITTATA*.

*Zeuzera bivittata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 586, (1865).  
Collection Swinhoe, Karachi.

1588. *ZEUZERA COFFÆ*.

*Zenera* (sic) *coffæ*, Neitner, Obs. Enemies of Coffee in Ceylon, p. 21, (1861).\*  
*Zeuzera coffæ* Moore, Lep. Ceyl. ii, p. 154, p. 143, figs. 1, 1a, 1b, (1882).  
I. M., Cachar (Wood-Mason).  
Also recorded from Ceylon.



## 1589. ZEUZERA CONFERTA.

*Zeuzera conferta*, Walker, Cat. Lep. Het. B. M. vii, p. 1536, (1856).

*Zenzera* (sic) *conferta*, Moore, Proc. Zool. Soc. Lond. 1867, p. 686.

————— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 10, (1886).

Sylhet.

## 1590. ZEUZERA INDICA.

*Zeuzera indica*, Herr Schäffer, Lep. Exot. Spec. Nov. 1854, fig. 166.\*

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).

*Zeuzera paucipunctata*, Walker, Cat. Lep. Het. B. 17 vii, p. 1537, (1856).

*Zenzera* (sic) *paucipunctata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.

I. M., Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim.

Also recorded from Sylhet.

## 1591. ZEUZERA LEUCONOTA.

*Zeuzera leuconota*, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1859).

*Zenzera* (sic) *leuconota*, Proc. Zool. Soc. Lond. 1867, p. 685.

————— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 108, figs. 1, 2, (1886).

*Hinnaya leuconota*, Moore, Lep. Ceyl. ii, p. 152, pl. 143, figs. 3, 3a, (1882).

I. M., Sikkim, Simla, Calcutta (Thomas).

Collection Swinhoe, Simla.

Also recorded from Sylhet and Ceylon.

## 1592. ZEUZERA MINEUS.

*Phalæna* (*Bombyx*) *mineus*, Cramer, Pap. Exot. ii, pl. 131, fig. D, (1777).

*Chalcidica minea*, Hübn., Verz. Bek. Schmett., p. 197, 2011, (1816).

*Zeuzera minea*, Donovan, Ins. Ind., p. 82, pl. 53, fig. 1, (1838).

*Zeuzera mineus*, Walker, Cat. Lep. Het. B. M. vii, p. 1535, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1855).

*Zeuzera viridicans*, Eschscholtz, Kotz. Reise, p. 216, , fig. 29.\*

I. M., Sylhet, Calcutta, Sikkim.

Collection Swinhoe, India.

Also recorded from Manilla and Java.

## 1593. ZEUZERA MULTISTRIGATA.

*Zenzera* (sic) *multistrigata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.

*Zeuzera indica*, Walker, (*nec* Herr Schäff.), Cat. Lep. Het. B. M. vii, p. (1856).

Darjiling.

## 1594. ZEUZERA NIGRA.

*Zenzera* (sic) *nigra*, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).

*Zeuzera nigra*, Moore, Lep. Ceyl. ii, p. 155, pl. 143, figs. 2, 2a, (1882).

Ceylon.



## 1595. ZEUZERA PARDICOLOR.

*Zenzera* (sic) *pardicolor*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

## 1596. ZEUZERA PUSILLA.

*Zeuzera pusilla*, Walker, Cat. Lep. Het. vii, p. 1538, (1856).

*Zenzera* (sic) *pusilla*, Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 9, (1886).

I. M., Bangalore.

## 1597. ZEUZERA SIGNATA.

*Zeuzera signata*, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).

N. India.

## 1598. ZEUZERA STIGMATICA.

*Zenzera* (sic) *stigmatica*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

Genus **Duomit**us.

## 1599. DUOMITUS LIGNEUS.

*Duomit*us *ligneus*, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).

————— Ill. Typ. Lep. Het. vi, p. 29, pl. 108, fig. 3, (1886).

I. M., Sikkim (purchased).

Also recorded from Nias.

Genus **Phragmat**œcia.

## 1600. PHRAGMATÆCIA FÆDA.

*Phragmat*œcia *fæda*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, pl. 47, fig. 1.

Collection Swinhoe, Karachi.

## 1601. PHRAGMATÆCIA MINOR.

*Phragmat*œcia *minor*, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.

Collection Swinhoe, Mhow.

Also recorded from Sylhet.

## 1602. PHRAGMATÆCIA SACCHARUM.

*Phragmat*œcia *saccharum*, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).

Darjiling.



Genus *Arbela*.1603. *ARBELA* QUADRINOTATA.

*Cossus quatuornotatus*, Walker, Cat. Lep. Het. B. M. vii, p. 1521, (1856).  
*Arbela quadrinotata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.  


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Lep. Ceyl. ii, p. 155, pl. 143, fig. 3, (1882).

Ceylon.

1604. *ARBELA* TESSELLATA.

*Cossus tessellatus*, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).  
*Arbela tessellata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 411.

Calcutta.

1605. *ARBELA* TETRAONIS.

*Arbela tetraonis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 3.  


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Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.

Collection Swinhoe, Poona.  
 Also recorded from Bombay.

## FAMILY HEPIALIDÆ.

Genus *Hepialus*.1606. *HEPIALUS* INDICUS.

*Hepialus indicus*, Walker, Cat. Lep. Het. B. M. vii, p. 1558, (1865).

I. M., Simla, Sibsagar.  
 Collection Swinhoe, Solun.

1607. *HEPIALUS* MARCIDUS.

*Hepialus marcidus*, Butler, Ann. Mag. N. H. (5), vi, p. 69, (1880).  


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Ill. Typ. Lep. Het. vi, p. 29, pl. 108, figs. 4, 5,  
 (1886).

Darjiling.

1608. *HEPIALUS* MURINUS.

*Hepialus murinus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Dharmasala.

1609. *HEPIALUS* NEPALENSIS.

*Hepialus nepalensis*, Walker, Cat. Lep. Het. B. M. vii, p. 1557, (1865).  


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Moore, Cat. Lep. Mus. E. I. C. ii, p. 438, (1859).  


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Proc. Zool. Soc. Lond. 1867, p. 686.

Nepal, Sikkim.



1610. *HEPIALUS PAUPERATUS*.

*Hepialus pauperatus*, Walker, Cat. Lep. Het. B. M., xxxii, p. 593, (1865).  
Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 108, figs.  
6, 7, (1886).

## India.

I. M., Kulu (Young).

1611. *HEPIALUS* *SEXNOTATUS*.

*Hepialus sexnotatus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.  
Darjiling.

1612. *HEPIALUS TAVOYANUS*.

*Hepialus tavoyanus*, Moore, Journ. As. Soc. Beng. (55), 2, i, p. 98, (1886).  
I. M., Tavoy (Type—Moti Ram).

1613. *HEPIALUS* *UMBRINUS*.

*Hepialus umbrinus*, Moore, Descr. Ind. Lep. Atk. i, p. 88, (1879).  
Darjiling.

Genus **Gorgopis.**

1614. GORGOPIS VILIS.

*Gorgopis vilis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 596, (1865).  
N. India.

Genus **Phassus**.

1615. PHASSUS ABÖE.

*Phassus aböe*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1851).  
 ——— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 1, (1886).  
 Darjiling.

1616. PHASSUS ALBOFASCIATUS.

*Phassus albofasciatus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 413, pl. 34,  
fig. 8.

Nilgiri Hills.

1617. PHASSUS CHALYBEATUS.

*Phassus chalybeatus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.  
Darjiling.

1618. PHASSUS DAMOR.

*Phassus damor*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).  
 ————— Butler, Ill. Typ. Lep. Het. vi, p. 31, pl. 109, fig. 3, (1886).  
 Darjiling.



## 1619. PHASSUS MALABARICUS.

*Phassus malabaricus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.  
Kanara, Ootacamand.

## 1620. PHASSUS PURPURESCENS.

*Phassus purpurescens*, Moore, Lep. Ceyl. ii, p. 156, pl. 143, fig. 4, (1882).  
I. M., Perak (purchased).  
Also recorded from Ceylon.

## 1621. PHASSUS SALSETTENSIS.

*Phassus salsettensis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 412, pl. 34;  
fig. 5.  
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.  
Collection Swinhoe, Poona.  
Also recorded from Bombay.

## 1622. PHASSUS SIGNIFER.

*Phassus signifer*, Walker, Cat. Lep. Het. B. M. vii, p. 1568, (1856).  
———— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 2, (1880).  
Sylhet, Ceylon, Borneo.

## 1623. PHASSUS UNDULIFERA.

*Phassus undulifera*, Walker, Char. Undescr Lep. Het. p. 102, (1869).  
Benares.



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